

RII60520

ADVANCED DIPLOMA OF CIVIL CONSTRUCTION DESIGN

Qualification Description

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.

Delivery Mode

100% online learning

Course Duration

80 weeks training and assessment + 10 weeks of holidays

Pathways

Pathways into the Qualification

- Preferred pathways for candidates considering this qualification include:
- Candidates may enter the qualification through several entry points including
- after achieving the RII40820 Certificate IV in Civil Construction Design; or
- after achieving the RII50520 Diploma of Civil Construction Design; or

Pathways from the Qualification

- Further training pathways from this qualification may lead the learner to consider pathway options including Advanced Diploma Qualifications or Higher Education courses in Civil Engineering.

Job Roles

- Occupational titles may include:
- Civil Construction Supervisor
- Civil Engineering Draftsperson
- Senior Civil Construction Designer

Entry Requirements

While there is no formal entry requirements defined in the training package for RII60520 Advanced Diploma of Civil Construction Design, it is recommended to applicants who have been working in the industry. Further, the applicant must meet the following entry requirements:

- Students need to have either successfully finished Australian Year 12 or an equivalent level of education, or hold a Certificate IV or a higher qualification from an Australian educational institution
- 18 years of age or over
- Australian/New Zealand citizen or permanent Australian resident
- Have a valid Driver's Licence, Photo Card
- Meet prescribed Language, Literacy, Numeracy and Digital (LLND) requirements.
- Applicants should have basic knowledge of computer and MS Office skills (Word, Excel and Power Point).
- Students are expected to bring their own laptop for the training and assessment, with the Windows 7 operating system or higher.
- Pre-Training Review- All prospective students (the candidates) are interviewed through Phone or zoom and will have the course explained to them by a Student Services Officer. The purpose of this interview is to ensure the candidate understands the commitment of signing up to the course, entry requirements, course outcomes, and what is expected of the student during their studies with Immaculate Education and Training. The review also aims to identify training needs through questions on previous education or training, relevance of the courses to learner and relevant experience

Core Unit

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

Elective Unit

Unit Code	Unit Name
BSBPMG535	Manage project information and communication
BSBPMG530	Manage project scope
BSBPMG531	Manage project time
BSBPMG532	Manage project quality
RIILAT402E	Provide leadership in the supervision of diverse work teams
RIICWD533E	Prepare detailed design of civil concrete structures
RIICWD534E	Prepare detailed design of civil steel structures

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