

RII60520 ADVANCED DIPLOMA OF CIVIL CONSTRUCTION DESIGN

CRICOS 111836K

Course Overview

This course is the peak point of the Civil Construction Design stream of courses and prepares the students to have knowledge and skills for paraprofessional/ highly skilled and/or further learning at Bachelor level.

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.

Teaching sessions are trainer-led in-group sizes of up to 30 participants. The teaching program is undertaken using a planned schedule in accordance with national standards.

Course Features

- 12 units in total
- 4 terms per year
- 2 years course
- 80 weeks of learning + 24 weeks holiday
- 20 hours per week face to face learning plus online and self learning

Course Units

Core Units x 5

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

Elective Units x 7

- BSBSTR601 Manage innovation and continuous improvement
- BSBOPS601 Develop and implement business plans
- RIICWD533E Prepare detailed design of civil concrete structures
- RIICWD507D Prepare detailed geotechnical design
- RIICWD534E Prepare detailed design of civil steel structures
- MEM30031 Operate computer-aided design (CAD) system to produce basic drawing element
- BSBXCM501 Lead communication in the workplace

Career Opportunities

