



RII60520

Diploma of Civil Construction Design

Course CRICOS Code: XXXXXX

⌚ Duration: 76 Weeks

💲 Fee: \$21,750.00

👥 Modes of Delivery: On Campus (Face to Face)

📍 Delivery Location: Suite 1, Level 3, 220 Albert Rd, South Melbourne VIC 3205

Description

This 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.

Entry Requirements

Whilst there are no formal entry requirements for this qualification in the Training Package, WMIT's entry requirements are as below:

- Completion of Australian Year 12 or equivalent.
- IELTS (Academic) band score 5.5 or equivalent score in other English tests including, PTE, TOEFL, and CAE.
- 18 years or older at commencement of course.

Training Pathway

After achieving Diploma of Civil Construction Design, individuals could progress to:

- Advanced Diploma of Civil Construction Design
- Advanced Diploma of Construction Management

Assessment Methods:

WMIT will use the following assessment methods during this course including but not limited to:

- Written questions
- Projects
- Case studies
- Role Plays
- Research
- Reports

Employment Pathway

This qualification provides the skills and knowledge to potentially gain employment as a:

- Civil Engineering Draftsperson
- Civil Engineering Design Draftsperson
- Civil Engineering Technician

Course Structure

To attain the Diploma of Civil Construction Design, 20 units must be achieved, listed below:

Code	Title	Type
MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements	Elective
MEM30032	Produce basic engineering drawings	Elective
RIICWD501E	Prepare detailed design of foundations	Elective
RIICWD507D	Prepare detailed geotechnical design	Elective
RIICWD505E	Prepare detailed design of landscaping	Elective
BSBPMG531	Manage project time	Elective
BSBPMG532	Manage project quality	Elective
RIICWD533E	Prepare detailed design of civil concrete structures	Elective
RIICWD511E	Prepare detailed design of sub-divisions	Elective
RIICWD534E	Prepare detailed design of civil steel structures	Elective
RIICWD535E	Prepare detailed design of civil timber structures	Elective
MEM23004	Apply technical mathematics	Elective
MEM30006*	Calculate stresses in simple structures	Elective
MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment	Elective
RIILAT402E	Provide leadership in the supervision of diverse work teams	Elective
BSBPMG533	Manage project cost	Elective
BSBPMG530	Manage project scope	Elective
BSBPMG632	Manage program risk	Elective

If you would like to enroll into this course, please contact our office to obtain a Student Enrolment Form or for a confidential discussion.

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