



STUDY AN AUSTRALIAN RECOGNISED QUALIFICATION

Start your career pathway in Civil Construction Design and help shape future infrastructure projects.

Equip yourself with the practical and technical skills in design and construction that are highly sought after by employers. Develop the expertise required to excel in the industry, including the design of engineering drawings, the production of computer-aided designs, and a broad range of technical, planning and coordination skills.

This qualification leads towards an occupation such as a Civil Construction Designer or Civil Engineering Draftsperson, where you will work as a design paraprofessional supporting professional engineers.

START YOUR CAREER TODAY!



REACH
COMMUNITY COLLEGE
RTO: 40747 | CRICOS: 03904B

RII50520
DIPLOMA
OF CIVIL
CONSTRUCTION
DESIGN



RII50520 DIPLOMA OF CIVIL CONSTRUCTION DESIGN

Total number of Units: 20

Core Units: 0

Elective Units: 20

Duration: 52 weeks (46 weeks tuition + 6 weeks break)

ELECTIVE UNITS

UNIT CODE	UNIT TITLE
BSBXTW401	Lead and facilitate a team
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements
MEM30032A	Produce basic engineering drawings
MEM30033A*	Use computer-aided design (CAD) to create and display 3-D models
BSBTWK502	Manage team effectiveness
BSBPMG532	Manage project quality
BSBPMG531	Manage project time
BSBPMG536	Manage project risk
BSBOPS505	Manage organisational customer service
RIICWD501E	Prepare detailed design of foundations
RIICWD502E	Prepare detailed design of lighting
RIICWD505E	Prepare detailed design of landscaping
RIICWD506E	Prepare detailed design of canals
MEM23004A	Apply technical mathematics
MEM23007A**	Apply calculus to engineering tasks
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment
MEM30005A***	Calculate force systems within simple beam structures
MEM30006A***	Calculate stresses in simple structures
MSL924003#	Process and interpret data
BSBPMG530	Manage project scope

* MEM30031A is a prerequisite for this unit

** MEM23004A is a prerequisite for this unit

*** MEM30012A is a prerequisite for this unit

This qualification will only fulfil the academic requirements, not a licensed trade qualification.

For more detailed course information, including entry requirements, please visit the individual course page on our website reachcollege.edu.au

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