

CIVIL CONSTRUCTION DESIGN PROGRAMS

People working in this field 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.

This course will provide you with the knowledge and skills needed for the roles of senior civil works designers, or para-professional designers who support professional engineers.



APPLY NOW



CBD Campus

Modern facilities, computer labs, student lounges.



Nationality Mix

41 + Nationalities. Data from Feb 2025.



Capacity

936 Students.



Bachelor Pathway

Articulation available at **Melbourne Polytechnic** and **Danford Higher Education** Bachelor Degrees



Student Support

Student lounge, student activities, In-house counsellor.

ADVANCED DIPLOMA OF CIVIL CONSTRUCTION DESIGN

Code: RII60520
Cricos Code: 105232M
Course Duration: 104 weeks
Holidays: 24 weeks
Total Hours: 1600 hours
Material Fees: N/A
Digital Access Fees: \$200*
Course Fee: \$30,000

Industry Sector
Civil Construction
Engineering Design

What your future could look like

- Civil Design Draftsperson
- Senior Civil Works Designer
- Civil Construction Supervisor
- The RII60520 Advanced Diploma of Civil Construction Design is for senior civil works designers or para-professional designers who support engineers

You will gain the knowledge, skills and training to support civil engineers and builders who: plan, design, inspect and manage constructions projects.

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.

Licensing, legislative, regulatory or certification considerations.

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the qualification.

CORE UNITS

BSBPMG632	Manage program risk
BSBTWK502	Manage team effectiveness
BSBWH5616	Apply safe design principles to control WHS risks
RIICWD601E	Manage civil works design processes
RIIQA601E	Establish and maintain a quality system

ELECTIVE UNITS

BSBPMG530	Manage project scope
RIICSG405E	Carry out inspections of Civil structure
BSBPMG537	Manage project procurement
RIICWD534E	Prepare detailed design of civil steel structures
RIICWD533E	Prepare detailed design of civil concrete structures
RIICWD507D	Prepare detailed geotechnical design
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements

HOW WE TEACH

Experienced and Friendly Trainers at Danford College have a wide range of industry experience. Moreover, they have been selected and trained to appropriately relate to and support students in their learning.

RELEVANT CONTENT AND RESOURCES

Course content is regularly reviewed to ensure that it is up-to-date and relevant to the needs of the industry. Students and staff have access to a range of high-quality, comprehensive, and informative resources. Our up-to-date course content is available to students on our digital platform: CANVAS.

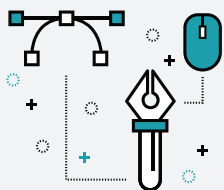
CLASS STRUCTURE

At Danford College all qualifications are delivered entirely face-to-face in our Melbourne Campus. (Minimum of 20 hours of classroom contact per week). Courses consist of classroom-based training (maximum of 26 students) of theory and practical sessions with small groups.

ASSESSMENT

Students must demonstrate competency through highly practical and interactive assessments. These include: Practice exercises that reinforce interpersonal skills, Simulated training activities, Learner Resource Workbooks to support training, Independent research projects and Participation in simulated activities that closely reflect workplace processes.

For further information visit our website at www.danford.edu.au



Jobs

Graduates of the Engineering and Related Technologies field (Advanced Diploma) are most often employed as:

29%	Technicians and Trades Workers
27.9%	Professionals
12.6%	Sales Workers

Industries

Graduates of the Engineering and Related Technologies field are most often employed in:

13.9%	Retail Trade
11.6%	Mining
11.7%	Professional, Scientific and Technical Services

Reference source: <https://www.yourcareer.gov.au/>

For information about entry requirements visit our website at www.danford.edu.au *Digital Access refers to your learning resources and assessments via our learning management system.