Danford™ COLLEGE

Believe,
Achieve,
Grow

www.danford.edu.au

# 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
70 + Nationalities. Data from Feb 2023.

### Capacity
**1529** Students.

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

### Student Support
Student lounge, student activities, In-house counsellor.

support@danford.edu.au

# 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:** **$24,000**

### 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

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 |
| **BSBWHS616** | Apply safe design principles to control WHS risks |
| **RIICWD601E** | Manage civil works design processes |
| **RIIQUA601E** | 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 |

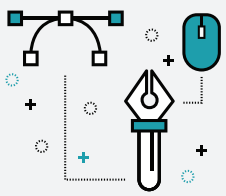

### HOW WE TEACH
Experienced and Friendly Trainers at Danford College have a wide range of industry experience. Moreover, they have been selected and trained to appropriately relate to and support students in their learning.

### 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: www.myskills.gov.au/courses

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.