



# Diploma of Civil Construction Design

## R1150515

- Nationally Recognised Training
- Traineeship Allowed
- This training is fully government-subsidised under JobTrainer
- VET Student Loans Available

|                            |                               |                              |                                  |
|----------------------------|-------------------------------|------------------------------|----------------------------------|
| <b>DURATION</b><br>3 Years | <b>ATTENDANCE</b><br>Variable | <b>DELIVERY</b><br>On campus | <b>START DATE</b><br>Enquire Now |
|----------------------------|-------------------------------|------------------------------|----------------------------------|

**LOCATION**  
 Ultimo, Main Campus  
 651-731 Harris Street, Ultimo

**STUDY COMMITMENT**  
 7.5 Hours Per Week

How much time on average each week you will need to commit to successfully complete this course.

Hours include class attendance/participation, directed study, and any required work placements.

You may also need to do additional hours of self-directed study.

## Studying with TAFE NSW


With over 25,000 industry connections\*, teachers experienced in the latest industry trends plus state-of-the-art facilities, it's easy to see why TAFE NSW is Australia's largest training provider. Want even more reasons to study with us?

\*TAFE NSW current employer database as of May 2017




**85.9%**  
**EMPLOYER SATISFACTION**

NSW EMPLOYERS ARE VERY SATISFIED WITH THE QUALITY OF THE NATIONALLY RECOGNISED TRAINING WE DELIVER\*



**83%**  
**GRADUATE SATISFACTION**

TAFE NSW ENJOYS A RATING WELL ABOVE THE NATIONAL AVERAGE FOR THE OVERALL QUALITY OF TRAINING#



**80%**  
**OF GROWTH AREAS COVERED**

WE OFFER TRAINING IN 80% OF THE OCCUPATIONS PREDICTED TO HAVE THE GREATEST GROWTH OVER THE NEXT 5 YEARS^



**93%**  
**WOULD RECOMMEND TAFE NSW**

AS A TRAINING PROVIDER - NATIONAL VET AVERAGE 90%\*\*

Source: ^ employment.gov.au, # Graduate Satisfaction Survey - Undergraduate [Quality Indicators of Teaching and Learning (QILT) - Course Experience Questionnaire 2017-2018]. \* NCVET, Survey of Employers' Use and Views of the VET System, 2017. \*\* VET - NCVET Graduate Outcomes Survey 2018

## OVERVIEW

The nationally accredited Diploma of Civil Construction Design equips you with the skills and expertise to work as a civil or structural draftsman, a civil construction designer, site officer or project manager. It is a highly regarded qualification for a career in a booming industry.

### LEARN NEW SKILLS

Through a mix of theory and practical course work, learn to:

- Manage projects
- Apply design principles
- Use the latest industry software
- Operate construction materials testing equipment
- Use surveying equipment effectively
- Design, draft and build infrastructure projects

### DEVELOP YOUR TALENT

Develop the attributes to help you get ahead:

- Communication skills
- Analytical skills to read and interpret plans and specifications
- Collaboration
- Problem solving with a solution-based focus

### ACHIEVE YOUR GOALS

Completing this course provides you with:

- A strong pathway to continue your study and enhance your career opportunities

### Career opportunities:

- Civil/structural draftsman
- Civil/structural designer para-professional
- Civil construction site officer
- Civil construction site manager
- Laboratory technician

### GROW YOUR CAREER

Take your career further with the:

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

## ENTRY REQUIREMENTS

When you study with TAFE NSW, we want you to succeed. Entry requirements allow us to make sure that you have the right pre-existing knowledge and skills to achieve your chosen qualification. You will need to provide evidence that you meet the requirements listed in this section.

### ENTRY REQUIREMENTS

There are no entry requirements for this qualification. You can enrol now.

#### Traineeship

TAFE NSW also offers the Diploma of Civil Construction Design as a traineeship. To be eligible to enrol as a trainee you must:

- Be employed in the civil construction industry as this course is delivered in the workplace
- Have a signed traineeship contract

Thinking about a traineeship? Enquire today.

### LICENSING REQUIREMENTS

A white card (or general construction induction card) is required for workers who want to carry out construction work in NSW. This is specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007).

Visit the [SafeWork](#) for more information on applying for your white card.

Check local regulations for any additional licensing requirements.

### IS THIS COURSE RIGHT FOR YOU?

To be prepared for this course, we recommend that you have:

- Literacy, language and numeracy skills at an Australian Year 12 high school level
- Strong experience using a computer
- Confidence to use software applications - like Microsoft programs, email, and an interest in learning Computer Aided Drafting (CAD)
- An interest in working in an office-based role
- The ability to comply with safety procedures
- Good hand-eye coordination

If you need help preparing for study, contact us about your options.

### ADDITIONAL REQUIREMENTS

With 130 locations across the state, TAFE NSW tailors qualifications to meet the needs of the local community and specific student groups (like apprentices, fast-tracked and online students). To make sure this course is the right fit for you, we will need you to demonstrate that you can meet the additional requirements below.

To be enrolled in this course, you need to be able to provide evidence that you are:

- an apprentice / trainee (you will work in industry and study at the same time)
- employed full time
- signed up with an Apprentice Network Provider and have a Training Plan Proposal

- seeking to gain skills and knowledge to become a qualified Civil Construction Designer after successful completion.

To successfully complete this course, you will need:

- White card and Personnel Protection Equipment (PPE).

## OTHER COURSE INFORMATION

### INFORMATION SESSIONS

To find out more about this course, meet our teachers and receive information about enrolment and next steps, attend an information session.

| Date                    | Time             | Location   |
|-------------------------|------------------|--|
| Wednesday, 23 June 2021 | 4:00pm to 6:00pm | Ultimo Campus, (Building G), entry via Thomas street, Level 6, R G6.18 |

### STUDY COMMITMENT

This is a Flexible Face to Face course. You will need to attend approximately 7.5 hours of class, over 1 day a week, for 3 years.

You may also be required to complete approximately 4 hours of additional study each week outside of class hours, including private study, research, and assignment preparation.

### IS THIS COURSE RIGHT FOR YOU?

This course offering is designed for people who:

- Individuals as a whole will be from diverse backgrounds and represent a wide variety of age groups.
- Allowance is made for the needs of particular groups (e.g. people with disabilities, and people who may have literacy or numeracy difficulties, such as speakers of languages other than English).
- Individuals may have met some of the requirements through recognition of previous studies, work experience, life experience or a combination of them all.
- Individuals may be working full or part time in Industry and or other industries; while others may be studying to enter the industry.

We offer student services and study support to ensure you can achieve your goals. Learn about TAFE NSW [Student Services](#)

As a TAFE NSW student in this course, you will have access to:

- LinkedIn Learning (formerly Lynda.com)
- Smarthinking - after hours online study support service
- Easy computing online short courses
- Access to local TAFE libraries
- Accessibility and Disability Support Services
- Access to Read&Write learning support software at TAFE and at home

## ATTENDANCE

The way you learn may change during your enrolment to ensure the best learning experience or to keep you safe as COVID-19 restrictions change, and some of our face to face classes may change to online or virtual classroom learning.

Also, to ensure that we keep you safe while studying, we may modify our face to face classes to meet physical distancing requirements and increased cleaning on campus. If work placement and the demonstration of practical skills are requirements of your course, there may be a modification or delay in the planned timeframe due to COVID-19 impacts. Be assured, we'll keep you informed every step of the way.

This course is currently scheduled on Monday from 9:00 am to 5:00pm. This timetable may change and will be confirmed by your teacher.

## FEE DETAILS

### SUBSIDISED PRICES

FIRST QUALIFICATION \*  
\$3,780.00

SUBSEQUENT QUALIFICATION  
\$4,260.00

TRAINEESHIP \*\*  
\$1,000.00

\*This is a fully government-subsidised [JobTrainer](#) course. Eligibility criteria applies.

\*\*You may be eligible for the NSW Smart & Skilled **Fee-Free** Traineeship which will be verified at enrolment.

### WHAT DO THESE PRICES MEAN?

#### First Qualification Fee

Applies to a student who does not already hold a post-school qualification from any tertiary sector (TAFE, private provider or University), and includes any vocational (certificates, Diplomas, Advanced Diplomas) and higher education (degree) qualifications achieved in Australia or overseas previously.

#### Subsequent Qualification Fee

Applies to a student who already holds one or more post-school qualifications from any tertiary sector (TAFE, private provider or University), and includes any vocational (certificates, Diplomas, Advanced Diplomas) and higher education (degree) qualifications achieved in Australia or overseas previously.

#### Apprenticeship Fee

Eligible apprentices are exempt from fees when undertaking an apprenticeship under the NSW Government's Fee Free Apprenticeship. For apprentices who are not eligible, apprenticeship qualification fees are capped at \$2,000.

For more information visit the [Fee Free Apprenticeships](#) page.

#### Traineeship Fee

Applies to a student undertaking a traineeship qualification under a traineeship pathway, with fees are capped at \$1,000.

For more information visit the [Apprenticeships and Traineeships](#) page.

#### Concession Fees

Applies to eligible disadvantaged students who receive a specified Commonwealth Government welfare benefit or allowance. Concession fees are discounted, with flat fees applied across a qualification level.

For more information on concessions and exemptions, visit the [Smart and Skilled Fee Exemption and Concessions](#) page on the Smart and Skilled website.

For more information on Smart and Skilled funding, visit the [Smart and Skilled](#) page.

This is a fully government-subsidised [JobTrainer](#) course. Eligibility criteria applies.

### SMART AND SKILLED FEES

This course is government-subsidised, meaning you pay a portion of the full course fee to TAFE NSW and the NSW Government will pay the balance. However, you must meet certain eligibility criteria for this to apply.

Depending on your previous qualifications and experience, your fee may be less than the maximum fee quoted. Your actual fee and eligibility for concession/exemption will be calculated and confirmed during the enrolment process.

For further information about eligibility and explanations of the different fee categories, visit [Are You Eligible?](#)

### PAYMENT OPTIONS AND ASSISTANCE

This course is approved for a Commonwealth VET Student Loan (VSL). If you meet the VSL eligibility and academic suitability requirements, you are able to apply to the Commonwealth for a loan to cover all or part of your course fee. We will ask you whether you would like to apply for a VET Student Loan when you enrol and advise you of the process.

To complete your VET Student Loan application, you will need to provide:

- Your Tax File Number (TFN). If you don't have a TFN, [click here](#) for information on how to apply for one. You can complete your loan application with a Certificate of Application for a TFN, but must provide your TFN as soon as it is issued. If you don't provide your TFN before your first census day, you will need to pay the tuition fees for that unit of study.
- Your Commonwealth Higher Education Student Support Number (CHESSN). If you have previously accessed a loan via the Higher Education Loan Program (HELP), either at TAFE or university, you will already have a CHESSN. You must use the same CHESSN whenever you access a student loan. If you don't have CHESSN, we will allocate one on your behalf.

To be eligible for a VET Student Loan, you will need to be assessed as academically suitable to undertake high level VET study. You will need to provide:

- A copy of your Australian Year 12 Certificate; OR
- A copy of a certificate showing that you have been awarded a qualification at level 4 or above in the Australian Qualifications Framework (where the language of instruction was English). If you previously completed a Certificate IV or higher qualification at TAFE NSW, just let us know where and when you studied in your application; OR
- Display competence at Exit Level 3 in the Australian Core Skills Framework in both reading and numeracy through an approved Language, Literacy and Numeracy test. We will let you know if this is required once you apply.

If you intend to apply for a VET Student Loan, it's important you know your [student obligations](#).

### ADDITIONAL RESOURCES

You will need to provide for yourself the following resources which you will keep when you complete your study:

- Indicative cost of \$200 to cover White card and Personnel Protection Equipment (PPE).

Find out more about [VET Student Loans](#)

Direct payment by Unit of Study instalments is available for this course.

The Units of Study and associated fees for this course are detailed above. Fees are charged on the census day for each Unit of Study. To secure a loan for part or all of your course, you must be eligible and submit a valid application to



the Commonwealth for a VET Student Loan. You may withdraw prior to the census date without incurring a fee.

#### **READ BEFORE YOU ENROL**

Learn about TAFE NSW [Fees](#)

Learn about TAFE NSW [Payment/Funding](#)

#### **RECOGNITION**

Recognition is a process of acknowledging previously completed qualifications, skills, knowledge or experience relevant to your course. This may reduce the amount of learning required, reduce your course fees and allow you to achieve your qualification faster.

Learn about Recognition at TAFE NSW [Recognition](#)

## **HOW TO ENROL**

### **Enrolments for this course have now closed.**

[Enquire now](#) and we will contact you when enrolments open. Visit our [Online Courses](#) to view our range of study options that you can start anytime.

## UNITS

| UNIT CODE  | UNIT DESCRIPTION  |
|------------|---|
| MEM30012A  | Apply mathematical techniques in a manufacturing engineering or related environment |
| MEM30032A  | Produce basic engineering drawings  |
| RIICWD504D | Prepare detailed design of environmental controls                                   |
| RIIMP0402D | Apply the principles of earthworks construction                                     |
| MEM30031A  | Operate computer-aided design (CAD) system to produce basic drawing elements        |
| MEM09002B  | Interpret technical drawing   |
| MSL973022  | Conduct laboratory-based acceptance tests for construction materials                |
| MSL974026  | Perform tests to determine the properties of construction materials                 |
| MSL975044  | Perform complex tests to measure engineering properties of materials                |
| CPPSIS5032 | Capture new spatial data  |
| CPPSIS5035 | Obtain and validate spatial data  |
| BSBPMG512  | Manage project time   |
| BSBPMG513  | Manage project quality  |
| BSBW0R501  | Manage personal work priorities and professional development                        |
| BSBW0R502  | Lead and manage team effectiveness  |
| RIICWD501D | Prepare detailed design of foundations  |
| MEM30033A  | Use computer-aided design (CAD) to create and display 3-D models                    |
| RIICWD534D | Prepare detailed design of civil steel structures                                   |
| RIICWD533D | Prepare detailed design of civil concrete structures                                |
| RIICSG401D | Apply the principles of civil concrete structures construction                      |

|            |   |
|------------|---|
| MEM09011B  | Apply basic engineering design concepts   |
| RIILAT402D | Provide leadership in the supervision of diverse work teams                         |
| MEM30012A  | Apply mathematical techniques in a manufacturing engineering or related environment |
| MEM30032A  | Produce basic engineering drawings  |
| RIICWD504D | Prepare detailed design of environmental controls                                   |
| RIIMP0402D | Apply the principles of earthworks construction                                     |
| CPPSIS5032 | Capture new spatial data  |
| CPPSIS5035 | Obtain and validate spatial data  |
| MEM09002B  | Interpret technical drawing   |
| MEM30031A  | Operate computer-aided design (CAD) system to produce basic drawing elements        |
| MSL973022  | Conduct laboratory-based acceptance tests for construction materials                |
| MSL974026  | Perform tests to determine the properties of construction materials                 |
| MSL975044  | Perform complex tests to measure engineering properties of materials                |
| BSBPMG512  | Manage project time   |
| BSBPMG513  | Manage project quality  |
| BSBW0R501  | Manage personal work priorities and professional development                        |
| BSBW0R502  | Lead and manage team effectiveness  |
| MEM09011B  | Apply basic engineering design concepts   |
| MEM30033A  | Use computer-aided design (CAD) to create and display 3-D models                    |
| RIICWD501D | Prepare detailed design of foundations  |
| RIICWD509D | Prepare detailed design of urban roads  |
| RIICRC403D | Apply the principles of the stabilisation of materials                              |
| RIICWD521D | Prepare detailed design of flexible pavements                                       |

RIICWD530D

Prepare detailed design of surface drainage

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## **CAREER OPPORTUNITIES**

Civil Construction Designer

## **NEXT STEPS**

Need more information? Call our customer support team on 131 601 or [submit an enquiry](#)