About this course

Want to work on international engineering projects?

Gain **advanced skills** in the design and drafting of engineering plans to Australian and New Zealand standards and you could be working on local, interstate or international engineering projects.

This comprehensive qualification in civil and structural engineering could see you working on **projects ranging from skyscrapers to intricate road designs**.

This course will extend your study of the design and construction of civil works like dams, structures and pipe networks that is covered in the Diploma course.

While the emphasis is on producing **working drawings for civil works** which are used to communicate the engineers designs to the workers involved in constructing the works, you can **participate more in the design decisions** that are made.

You will learn a range of engineering drafting standards and receive exposure to **CAD programs selected from autocad, Revit and 12D**. You will extend your ability to address technical issues beyond what is achieved in the Diploma course.

**Gain these skills**

- Apply construction principles to civil engineering works
- Produce advanced engineering designs and drawings
- 3D CAD in engineering
- Learn structural analysis in engineering

**Is this course right for me?**

I have the following attributes:
An interest in solving practical and technical problems
Planning and organisational skills
Analytical skills and the ability to interpret information
Strong communication skills
An understanding of the principles of physics and maths

Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey. This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

Entrance requirements

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<th>School Leaver</th>
<th>Non-School Leaver</th>
<th>AQF</th>
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<tbody>
<tr>
<td>Completion of WACE General or ATAR (Minimum C Grades) or equivalent</td>
<td>Completion of WACE General or ATAR or equivalent (minimum C Grades)</td>
<td>Certificate III</td>
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The Diploma of Civil and Structural Engineering forms the first year of the Advanced Diploma of Civil and Structural Engineering and should be completed before enrolling in the Advanced Diploma.

Prerequisites

Certificate III in Engineering or related field.

Further study

Successful completion may lead to Curtin University’s Bachelor of Engineering (Civil and Construction) with the possibility of advanced standing.

Job opportunities

Civil Engineering Draftsperson | Civil Engineering Technician

Other job titles may include:

- Senior Draftsperson
- Design Draftsperson
- Civil Engineering Assistant
- Engineering Associate

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.
Important information

This qualification will take an additional year after successful completion of the Diploma of Civil and Structural Engineering. The Advanced Diploma is run at our East Perth campus with some lab work based at NMT's Perth campus (30 Aberdeen St building).

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

**Tuition fees** are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

**Resource fees** are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

**Please note, fees are subject to change.**