



CPP50911 Diploma of Building Design

National ID: CPP50911 | State ID: D772

About this course

Further your designing career in the building and construction industry

This course builds on the skills obtained in the Certificate IV in Residential Drafting and provides more drafting and design experience in **ArchiCAD and Revit software** for residential and small-scale building projects.

You will cover principles of **energy efficient design and sustainability** for design projects and occupational health and safety requirements for this booming industry.

Once you've completed this Diploma you will be able to work in a design office on commercial and residential projects with architects, builders, and project managers.

Gain these skills

- Identify and produce estimated costs
- Prepare concept designs and specifications
- Produce and present 3-D models
- Research and create client approved designs and drawings that are compliant
- Research the best construction materials and methods for building and construction projects

Is this course right for me?

I have the following attributes:

- Spatial awareness and creativity
- A keen eye for detail and accuracy
- Comfortable working with computers
- Good time management skills

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.

Semester 1, 2021

Perth - On Campus



Duration: **2 Semester/s**



When: **Semester 1, 2021**



How: **On campus**

Units

Core

National ID	Unit Title
CPPBDN5001A	Research construction materials and methods for small-scale residential building design projects
CPPBDN5003A	Research compliance requirements for small-scale residential building design projects
CPPBDN5005A	Recommend sustainability solutions for small-scale building design projects
CPPBDN5008A	Develop concepts for small-scale building design projects and finalise solutions with clients
CPPBDN5009A	Produce compliant client-approved designs for small-scale building design projects
CPPBDN5011A	Produce compliant client-approved working drawings for small-scale residential buildings
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry

Elective

National ID	Unit Title
CPCCBC4004A	Identify and produce estimated costs for building and construction projects

National ID	Unit Title
CPCCBC4015A	Prepare specifications for all construction works
CPCCSV5013A	Apply principles of energy efficient design to buildings
CPPACC5011A	Prepare a concept design for accessible building work
CPPBDN5002A	Research construction materials and methods for small-scale non-residential building design projects
CPPBDN5004A	Research compliance requirements for small-scale non-residential building design projects
CPPBDN5012A	Produce and present 3-D models of small-scale building designs
CPPBDN5013A	Develop and collaborate on building information models for small-scale building design projects
CPPBDN5015A	Produce compliant client-approved working drawings for non-residential buildings
CPPBDN5017A	Produce 2-D drawings for building design projects using CAD software

Entrance requirements

Completion of [52757WA Certificate IV in Residential Building Drafting](#) or equivalent.

Job opportunities



[Building Designer](#) | [Architectural Draftsperson](#) | [Building Drafter](#)

Other job titles may include:

- Building Contractor
- Architectural Drafter

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

Important information

Other costs for consideration:

- Text Books
- Stationery

Typical timetable:

- 4 days per week

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.