



BUILDING AND CONSTRUCTION **COURSES**



Building and construction is one of the largest industries in the world, with billions of dollars invested in infrastructure and housing every year. TAFE International Western Australia has a number of courses to get you started in this ever growing and fast moving industry.



"I graduated in architecture a while before coming to Australia, but I wasn't really happy with my career in Brazil. I decided to study residential building drafting, to learn and understand Australian construction methods, regulations, building codes, and therefore, help me enter the architecture market. The course was different from university, but it's great for its purpose. I have learnt a lot this year, and I'm happy I chose TAFE. It's a hands on course, where we learn exactly what the industry needs. I had great lecturers as well, who were extremely important for my learning."

Flavia Godoy Azevedo | Brazil

52757WA Certificate IV in Residential Building Drafting

BUILDING



All courses listed require an IELTS score (Academic) 6.0 with no band less than 5.0 or equivalent, unless otherwise stated.

UniPathways — Start your studies at TAFE then continue to university with a UniPathway.

CPC40120 Certificate IV in Building and Construction [Building]

TAFE ID: BGCO | CRICOS code: 103778D

Why choose this course?

Build a career in one of the fastest growing industries with this qualification. Develop your knowledge to the level where you can plan and supervise construction sites, prepare costs and schedules for a contract, use current building codes and standards, understand the legal requirements of contracts and works, read and interpret plans and specifications, identify and produce estimated costs and manage occupational health and safety on construction sites.

Acquire a diverse range of skills to be able to project manage and coordinate the overall construction of low rise residential and commercial buildings, which may involve selecting contractors, overseeing work and liaising with clients.

Please note that this course is based on Australian building codes and regulations. International students should consider if these regulations are applicable in their own country.

College	February intake	July intake
North Metropolitan TAFE East Perth campus		

Course units

To achieve this qualification, you must demonstrate competency in 19 units comprising:

- » 11 core units; and
- » eight electives.

Core units

- » CPCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 Buildings
- » CPCBC4002 Manage work health and safety in the building and construction workplace
- » CPCBC4007 Plan building or construction work
- » CPCBC4008 Supervise site communication and administration processes for building and construction projects
- » CPCBC4009 Apply legal requirements to building and construction projects
- » CPCBC4010 Apply structural principles to residential and

commercial constructions

- » CPCBC4012 Read and interpret plans and specifications
- » CPCBC4014 Prepare simple building sketches and drawings
- » CPCBC4018 Apply site surveys and set-out procedures to building and construction projects
- » CPCBC4021 Minimise waste on the building and construction site
- » CPCBC4053 Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings

North Metropolitan TAFE East Perth campus

Tuition fee \$14,260 | **Resource fee** \$900 | **Materials fee** \$0
Duration two semesters (12 months)

Electives

- » BSBPMG422 Apply project quality management techniques
- » CPCBC4003 Select, prepare and administer a construction contract
- » CPCBC4004 Identify and produce estimated costs for building and construction projects
- » CPCBC4005 Produce labour and material schedules for ordering
- » CPCBC4006 Select, procure and store construction materials for building and construction projects
- » CPCBC4013 Prepare and evaluate tender documentation
- » CPCSUS4002 Use building science principles to construct energy efficient buildings
- » CPCSUS5001 Develop workplace policies and procedures for sustainability

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), PowerPoint presentations, worksheets, YouTube clips and handouts.

Facilities and equipment may include access to laptops, computers, student WiFi and a simulated work environment that captures the environment and productivity pressures of an actual workplace.

Work placement information

There is no work placement requirement for this course.

Career opportunities

- » Construction supervisor
- » Site manager

CPC50220 Diploma of Building and Construction [Building]

TAFE ID: BGE4 | CRICOS code: 103764K



Why choose this course?

Advance your building and construction management career with this qualification. Learn the skills and knowledge to work in building management, production teams and the operations workforce to manage constructions from a small building business through to medium rise constructions.

During this course you will gain skills and knowledge of building codes and standards, structural principles, medium size building project management and how to supervise construction planning processes. In addition you will study legal obligations and contracts, monitor costing systems and develop policies and procedures.

This course structure is based on Australian building codes and regulations. International students should consider if these regulations are applicable in your own country.

Upon completion of this course you can study further at university.

College	February intake	July intake
North Metropolitan TAFE East Perth campus	■	■



Course units

To achieve this qualification, you must demonstrate competency in 27 units comprising:

- » 24 core units; and
- » three electives.



Core units

- » BSBOP504 Manage business risk
- » BSBWHS513 Lead WHS risk management
- » CPCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 Buildings
- » CPCBC4003 Select, prepare and administer a construction contract
- » CPCBC4004 Identify and produce estimated costs for building and construction projects
- » CPCBC4005 Produce labour and material schedules for ordering
- » CPCBC4008 Supervise site communication and administration processes for building and construction projects
- » CPCBC4009 Apply legal requirements to building and construction projects
- » CPCBC4010 Apply structural principles to residential and commercial constructions
- » CPCBC4012 Read and interpret plans and specifications
- » CPCBC4013 Prepare and evaluate tender documentation
- » CPCBC4014 Prepare simple building sketches and drawings
- » CPCBC4018 Apply site surveys and set-out procedures to building and construction projects
- » CPCBC4053 Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
- » CPCBC5001 Apply building codes and standards to the construction process for Type B construction

- » CPCBC5002 Monitor costing systems on complex building and construction projects
- » CPCBC5003 Supervise the planning of onsite building and construction work
- » CPCBC5005 Select and manage building and construction contractors
- » CPCBC5007 Administer the legal obligations of a building and construction contractor
- » CPCBC5010 Manage construction work
- » CPCBC5011 Manage environmental management practices and processes in building and construction
- » CPCBC5013 Manage professional technical and legal reports on building and construction projects
- » CPCBC5018 Apply structural principles to the construction of buildings up to 3 storeys
- » CPCBC5019 Manage building and construction business finances

North Metropolitan TAFE East Perth campus

Tuition fee \$14,260 | **Resource fee** \$1714 | **Materials fee** \$0
Duration two semesters (12 months)

Electives

- » BSBPMG532 Manage project quality
- » CPCBC4006 Select, procure and store construction materials for building and construction projects
- » CPCSUS5001 Develop workplace policies and procedures for sustainability

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), PowerPoint presentations, worksheets, YouTube clips and handouts.

Facilities and equipment may include access to laptops, computers, student WiFi and a simulated work environment that captures the environment and productivity pressures of an actual workplace.



Work placement information

There is no work placement requirement for this course.



Career opportunities

- » Builder
- » Building and construction manager



UniPathway

Options available at tafeinternational.wa.edu.au/unipathwayfinder

BUILDING DESIGN

Year 11 equivalent


CPP40121 Certificate IV in Residential Drafting

12 months

CPP50921 Diploma of Building Design

12 months

All courses listed require an IELTS score (Academic) 6.0 with no band less than 5.0 or equivalent, unless otherwise stated.

 **UniPathways** – Start your studies at TAFE then continue to university with a UniPathway.

CPP40121 Certificate IV in Residential Drafting

TAFE ID: BGI4 | CRICOS code: CPP40121




Why choose this course?

If you are creative and technical minded, and love architecture, you will enjoy this qualification. Learn how to produce drawings and documentation to support building designers and architects undertaking residential building design projects. You will develop skills to present and document building projects using both manual and computer-aided drafting (CAD) techniques that are relevant to current industry trends and practices.

During your studies you will gain a broad range of specialist knowledge covering the range of materials and construction systems typically used in the local residential building industry. The course structure is based on construction and drafting skills to national building codes, Australian standards and local planning regulations, so you should consider if these regulations are applicable in your home country.

This qualification has been designed in consultation with local industry groups such as architects, building designers and builders, to ensure that the you graduate with the drafting skills required.

College	February intake	July intake
North Metropolitan TAFE Perth campus		



Course units

To achieve this qualification, you must demonstrate competency in 10 units comprising:

- » seven core units; and
- » three electives.



Core units

- » CPPBDN4101 Work effectively in a building design environment
- » CPPBDN4102 Analyse building design drawings
- » CPPBDN4103 Use CAD software to produce drawings for building design projects
- » CPPBDN4104 Apply compliance requirements to Class 1 and 10 building design

- » CPPBDN4105 Prepare drawings for planning and building approval for Class 1 and 10 buildings
- » CPPBDN4106 Investigate materials for construction of Class 1 and 10 buildings
- » CPPBDN4107 Investigate constructions methods for Class 1 and 10 buildings

North Metropolitan TAFE Perth campus

Tuition fee \$14,260 | **Resource fee** \$90 | **Materials fee** \$0
Duration two semesters (12 months)

Electives

- » CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings
- » CPPBDN5102 Produce compliant designs for Class 1 and 10 building
- » CPPBDN5110 Inspect and assess sites to inform the design process

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), workbooks, learner guides, lecturer notes, PowerPoint presentations, software, workplace manuals, library, Australian and WA government legislation including the WA Code of Practice - Safe Design of Building Structures 2008, and Australian standards building codes. You will also have opportunities to engage with industry professionals via industry site visits and guest lectures.

Facilities and equipment may include access to computers laboratories with the capability to run BIM compatible CAD software, printers, student WiFi, drawing/sketching boards, and levelling equipment. All resources to undertake practical activities are provided by your campus including surveying equipment, measuring equipment, site safety hard hats and vests.



Work placement information

There is no work placement requirement for this course.



Career opportunities

- » Building designer
- » Architectural drafter

CPP50921 Diploma of Building Design

TAFE ID: BG13 | CRICOS code: 108210D



Why choose this course?

Further your career as a building designer or draftsman with this qualification. This course will advance your drafting and design skills in Revit (CAD software) for residential and commercial small-scale building projects. Learn how to identify and produce estimated costs, prepare concept designs and specifications, produce 3D models, create client approved designs and drawings that are compliant, and research the best construction materials and methods for building and construction projects.

During your studies you will learn the principles of energy efficient design and sustainability for design projects and the occupational health and safety requirements for this booming industry. On completion of this qualification you will be able to apply your skills to diverse building design projects which may incorporate residential, commercial, public or industrial projects including new buildings and renovations.

The course structure is based on construction and drafting skills to national building codes, Australian standards and local planning regulations so you should consider if these regulations are applicable in your home country.

College	February intake	July intake
North Metropolitan TAFE Perth campus	■	



Course units

To achieve this qualification, you must demonstrate competency in 12 units comprising:

- » nine core units; and
- » three electives.



Core units

- » BSBESB402 Establish legal and risk management requirements for new business ventures
- » CPCBC4015 Prepare specifications for all construction works
- » CPPBDN5101 Produce digital 3-D models of building designs
- » CPPBDN5102 Produce compliant designs for Class 1 and 10 buildings
- » CPPBDN5103 Produce compliant designs for Class 2-9 buildings up to two storeys
- » CPPBDN5104 Prepare drawings for planning and building approval for Class 2-9 buildings up to two storeys
- » CPPBDN5105 Evaluate construction materials and methods for Class 2-9 buildings up to two storeys
- » CPPBDN5106 Determine compliance requirements for Class 2-9 buildings up to two storeys
- » CPPBDN5107 Manage contracts for small-scale building design projects

North Metropolitan TAFE Perth campus

Tuition fee \$14,260 | **Resource fee** \$100 | **Materials fee** \$0
Duration two semesters (12 months)

Electives

- » CPPBDN5109 Recommend sustainability solutions for small-scale building design projects
 - » CPPBDN5110 Inspect and assess sites to inform the design process
 - » CPPBDN6106 Produce building information modelling for building design projects
- Learning resources, facilities and equipment

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), learner guides, PowerPoint presentations, software, computer laboratories and drawing rooms, digital projectors, workplace manuals, library, Australian and WA government legislation including the WA Code of Practice - Safe Design of Building Structures 2008, and Australian standards building codes. You will also have opportunities to engage with industry professionals via industry site visits and guest lectures.

Facilities and equipment may include access to computers laboratories with the capability to run BIM compatible CAD software, printers, student WiFi, drawing/sketching boards, and levelling equipment.



Work placement information

There is no work placement requirement for this course.



Career opportunities

- » Building designer
- » Architectural draftsman



UniPathway


Options available at tafeinternational.wa.edu.au/unipathwayfinder

CIVIL CONSTRUCTION

South Metropolitan TAFE Munster

Year 10 equivalent

MEM30522 Certificate III in Engineering - Technical

 six months

RII50520 Diploma of Civil Construction Design

 18 months

RII60520 Advanced Diploma of Civil Construction Design


 six months

Year 12 equivalent


RII50520 Diploma of Civil Construction Design

 18 months

RII60520 Advanced Diploma of Civil Construction Design

 six months

All courses listed require an IELTS score (Academic) 6.0 with no band less than 5.0 or equivalent, unless otherwise stated. Students commencing at the diploma entry point are required to have a pass result in mathematics at the Year 11 or Year 12 level.

 **UniPathways** — Start your studies at TAFE then continue to university with a UniPathway.

MEM30522 Certificate III in Engineering - Technical

TAFE ID: BIV7 | CRICOS code: 112000B


Why choose this course?

Start your career in engineering drafting, or as an engineering associate, with this entry level qualification.

During this six month course you will become familiar with computer-aided design (CAD) packages, AutoCAD and how to set out engineering drawings according to Australian Standards.

You will also participate in hands on workshop projects to introduce general engineering concepts, which are essential for further study at the diploma level. These projects will help develop your understanding of how drawings are transformed into buildings and manufactured items. You will also gain skills in modern office practices, communication, safety, quality controls, basic calculations and sustainability concepts.

On completion of this course you can choose to study further in a number of fields including civil construction design, civil and structural engineering, engineering technology (electrical), and mechanical engineering.

College	February intake	July intake
South Metropolitan TAFE Munster campus		

Course units

To achieve this qualification, you must demonstrate competency in 10 units comprising:

- » three core units; and
- » seven electives.

Core units

- » MEM16006 Organise and communicate information
- » MEM16008 Interact with computing technology
- » MEM30012 Apply mathematical techniques in a manufacturing engineering or related environment

South Metropolitan TAFE Munster campus

Tuition fee \$7,700 | **Resource fee** \$310 | **Materials fee** \$0
Duration one semester (six months)

Electives

- » MEM09229 Read and interpret technical engineering drawings
- » MEM12024A Perform computations
- » MEM13015 Work safely and effectively in manufacturing and engineering
- » MEM30031A Operate computer-aided design (CAD) system to produce basic drawing elements
- » MSMENV272 Participate in environmentally sustainable work practices
- » UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
- » UEECD0043 Solve problems in direct current circuits

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), PowerPoint presentations, handouts, library catalogue and opportunities to engage with industry professionals.

Facilities and equipment may include access to relevant software including computer-aided design (CAD), Microsoft Office suite, computers, workplace manuals and procedures, workshops and internet access.

Work placement information

There is no work placement requirement for this course.

Career opportunities

- » Mechanical engineering draftpersons /Technicians
- » Civil engineering draftpersons /Technicians

UniPathway

Options available at tafeinternational.wa.edu.au/unipathwayfinder 

RII50520 Diploma of Civil Construction Design

TAFE ID: BGK7 | CRICOS code: 105244G

Why choose this course?

Start your pathway to an exciting career in civil construction and urban planning. During this course you will develop skills to work autonomously to plan and determine the selection of equipment, and roles and techniques for site specific work designs to meet client's site requirements. You will demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

Learn how to schedule and estimate construction tasks, calculate foundation and footing requirements, and manage a project schedule.

In addition, you will learn about structural requirements, local building and construction standards, codes and practices and structural mechanics. You will create detailed drafting, technical specifications, schedules, and bill of quantities for a building project.

College	February intake	July intake
South Metropolitan TAFE Munster campus	■	■

Course units

To achieve this qualification, you must demonstrate competency in 20 elective units.

South Metropolitan TAFE Munster campus

Tuition fee \$23,100 | **Resource fee** \$1,224 | **Materials fee** \$459
Duration three semesters (18 months)

Electives

- » BSBPMG512 Manage project time
- » BSBPMG513 Manage project quality
- » BSBPMG517 Manage project risk
- » BSBPMG518 Manage project procurement
- » CPPBDN5013A Develop and collaborate on building information models for small-scale building design projects
- » CPPSIS5032 Capture new spatial data
- » MEM23004A Apply technical mathematics
- » MEM23109A Apply engineering mechanics principles
- » MEM30031A Use computer aided drafting systems to produce basic engineering drawings
- » MEM30033A Use computer-aided design (CAD) to create and display 3-D models
- » RIICSG401D Apply the principles of civil concrete structures construction
- » RIICSG402D Apply the principles of civil steel structures construction
- » RIICSG403D Apply the principles of civil timber structure construction
- » RIICWD501D Prepare detailed design of foundations
- » RIICWD504D Prepare detailed design of environmental controls
- » RIICWD508D Prepare detailed design of rural roads
- » RIICWD511D Prepare detailed design of sub-divisions
- » RIICWD521D Prepare detailed design of flexible pavements
- » RIICWD531D Prepare detailed design of subsurface drainage
- » RIIMPO402D Apply the principles of earthworks construction

Learning resources, facilities and equipment

Learning resources may include access to workbooks, the Blackboard Learning Management System (LMS), PowerPoint presentations and class handouts.

Facilities and equipment may include access to general learning areas, specialist training rooms, laboratories, office equipment, computers and specialised software.

Work placement information

There is no work placement requirement for this course.

Career opportunities

- » Civil engineering draftsman
- » Civil engineering technician

UniPathway

Options available at tafeinternational.wa.edu.au/unipathwayfinder



RII60520 Advanced Diploma of Civil Construction Design

TAFE ID: BGK5 | CRICOS code: 105229F

Why choose this course?

Join the next generation of civil construction design experts. This comprehensive qualification in civil construction design provides you with the skills and knowledge to work on projects ranging from residential and industrial buildings to intricate road designs, and expand your study of the design and construction of civil works such as structures and pipe networks.

This course covers a range of engineering specialties to extend your knowledge so that you can plan, design, develop and manage construction, and repair projects relating to these disciplines.

During your studies you will learn several engineering drafting standards and receive exposure to computer-aided design (CAD) programs selected from including AutoCAD, Civil 3D, Revit and Microsoft Project.

Gain skills in applying construction principles to civil construction works, produce advanced engineering designs and drawings, and learn structural analysis.

After completing this course you can continue your education at university, or as a senior civil works designer or para-professional designer.

College	February intake	July intake
South Metropolitan TAFE Munster campus	■	■

Course units

To achieve this qualification, you must demonstrate competency in 12 units comprising:

- » five core units; and
- » seven electives.

Core units

- » BSBPMG616 Manage program risk
- » BSBWHS609 Advise on the application of safe design principles to control WHS risks
- » BSBWOR502 Lead and manage team effectiveness
- » RIICWD601D Manage the civil works design process
- » RIQUA601D Establish and maintain a quality system

South Metropolitan TAFE Munster campus

Tuition fee \$7,700 | **Resource fee** \$459 | **Materials fee** \$0
Duration one semester (six months)

Electives

- » BSBPMG533 Manage project cost
- » BSBPMG540 Manage project integration
- » RIICWD509E Prepare detailed design of urban roads
- » RIICWD528E Prepare detailed design of traffic management systems
- » RIICWD533E Prepare detailed design of civil concrete structures
- » RIICWD534E Prepare detailed design of civil steel structure
- » RIICWD535E Prepare detailed design of civil timber structures

Learning resources, facilities and equipment

Learning resources may include access to workbooks, learning guides, the Blackboard Learning Management System (LMS), PowerPoint presentations and class handouts.

Facilities and equipment may include access to general learning areas, specialist training rooms, laboratories, office equipment, computers and specialised software.

Work placement information

There is no work placement requirement for this course.

Career opportunities

- » Senior civil designer
- » Technical manager

UniPathway

Options available at tafeinternational.wa.edu.au/unipathwayfinder 




CONSTRUCTION – BRICKLAYING / BLOCKLAYING

Year 10 equivalent

CPC33020 Certificate III in Bricklaying / Blocklaying

24 months

All courses listed require an IELTS score (Academic) 6.0 with no band less than 5.0 or equivalent, unless otherwise stated.

 UniPathways — Start your studies at TAFE then continue to university with a UniPathway.

CPC33020 Certificate III in Bricklaying / Blocklaying

TAFE ID: BGD8 | CRICOS code: 103833B

Why choose this course?

Build your bricklaying/blocklaying career by completing this hands on qualification. Gain the skills and knowledge to use tools and equipment to lay bricks for domestic, commercial and public building projects. This course covers techniques such as basic levelling procedures, basic demolition, measurements and calculations, erecting and dismantling restricted scaffolding and setting out a project. You will also learn how to create arches and columns, build feature and curved walls and construct steps and ornamental panels. You will also develop the knowledge to interpret plans and an understanding of occupational health and safety requirements for the construction industry.

This course is ideal if you love working outdoors, have good hand-eye coordination and the ability to complete work to a high standard.

College	February intake	July intake
South Metropolitan TAFE Thornlie campus	■	■

Course units

To achieve this qualification, you must demonstrate competency in 27 units comprising:

- » 21 core units; and
- » six electives.

Core units

- » CPCCBL2001A Handle and prepare bricklaying and blocklaying materials
- » CPCCBL2002A Use bricklaying and blocklaying tools and equipment
- » CPCCBL3002A Carry out masonry veneer construction
- » CPCCBL3003A Carry out cavity brick construction
- » CPCCBL3004A Construct masonry steps and stairs
- » CPCCBL3005A Lay masonry walls and corners
- » CPCCBL3006A Lay multi-thickness walls and piers
- » CPCCBL3009A Install flashings and damp proof course
- » CPCCBL3010A Construct masonry arches
- » CPCCBL3011A Construct curved walls
- » CPCCBL3014A Install fire-rated masonry construction
- » CPCCCA3002A Carry out setting out
- » CPCCCM1012A Work effectively and sustainably in the construction industry
- » CPCCCM1013A Plan and organise work

- » CPCCCM1014A Conduct workplace communication
- » CPCCCM1015A Carry out measurements and calculations
- » CPCCCM2001A Read and interpret plans and specifications
- » CPCCCM2006B Apply basic levelling procedures
- » CPCCCM2008B Erect and dismantle restricted height scaffolding
- » CPCCCM2009A Carry out basic demolition
- » CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry

South Metropolitan TAFE Thornlie campus

Tuition fee \$26,760 | **Resource fee** \$2,472 | **Materials fee** \$1,796
Duration four semesters (24 months)

Electives

- » CPCCBL3001A Lay paving
- » CPCCBL3007A Install glass blockwork
- » CPCCBL3013A Construct masonry structural systems
- » CPCCBL3015A Construct decorative brickwork
- » CPCCBL3016A Construct battered masonry walls and piers
- » CPCCO2013A Carry out concreting to simple forms

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), paper-based learning resources, lecturer developed PowerPoint presentations, industry web links and workbooks.

Facilities and equipment may include access to simulated work areas for all practical-based training, bricklaying workshops, outside areas and classrooms, equipment and materials required for training and assessments, safety equipment and personal protective equipment (PPE). Safety boots must also be used.

Work placement information

It is a requirement that approximately 375 hours of supervised work placement be undertaken at an approved construction site or facility. This work placement helps to strengthen the skills and knowledge learnt in a real workplace environment. You will be fully supervised during your placement by staff at the site and your supervision and support requirements will be fully documented through site visits, third party confirmation and completed workplace journals.

Career opportunities

- » Bricklayer and blocklayer

CONSTRUCTION – CARPENTRY

Year 10 equivalent

CPC30220 Certificate III in Carpentry

24 months

All courses listed require an IELTS score (Academic) 6.0 with no band less than 5.0 or equivalent, unless otherwise stated.

 UniPathways — Start your studies at TAFE then continue to university with a UniPathway.

CPC30220 Certificate III in Carpentry

TAFE ID: BGB8 | CRICOS code: 104856j



Why choose this course?

Pursue your dream to become a carpenter with this practical, hands on qualification that will teach you how to use explosive power tools and carpentry tools to build structures such as pitched roofs, ceiling frames, eaves, wall frames, roof trusses and flooring systems.

It covers techniques such as levelling operations, excavation, demolition of minor building structures, measurements and calculations, erecting and dismantling restricted scaffolding, and setting out projects. In addition you will learn how to assemble partitions, construct bulkheads, build timber external stairs, construct, and erect and dismantle formwork for stairs, ramps, footings, ground slabs, suspended slabs, columns, beams and walls.

Installing and replacing windows, linings, panelling and moulding is also part of the course content, along with how to interpret plans and understand the occupational health and safety requirements for the construction industry.

This course is ideal if you love working outdoors with wood structures, have good hand-eye coordination and the ability to complete work to a high standard.

College	February intake	July intake
North Metropolitan TAFE Balga campus	■	
South Metropolitan TAFE Rockingham and Mandurah campuses	■	■



Course units

To achieve this qualification, you must demonstrate competency in 34 units comprising:

- » 27 core units; and
- » seven electives.



Core units

- » CPCCA2002 Use carpentry tools and equipment
- » CPCCA2011 Handle carpentry materials
- » CPCCA3001 Carry out general demolition of minor building structures
- » CPCCA3002 Carry out setting out
- » CPCCA3003 Install flooring systems
- » CPCCA3004 Construct and erect wall frames

- » CPCCA3005 Construct ceiling frames
- » CPCCA3006 Erect roof trusses
- » CPCCA3007 Construct pitched roofs
- » CPCCA3008 Construct eaves
- » CPCCA3010 Install windows and doors
- » CPCCA3016 Construct, assemble and install timber external stairs
- » CPCCA3017 Install exterior cladding
- » CPCCA3024 Install lining, panelling and moulding
- » CPCCA3025 Read and interpret plans, specifications and drawings for carpentry work
- » CPCCA3028 Erect and dismantle formwork for footings and slabs on ground
- » CPCCCM2006 Apply basic levelling procedures
- » CPCCCM2008 Erect and dismantle restricted height scaffolding
- » CPCCCM2012 Work safely at heights
- » CPCCO2013 Carry out concreting to simple forms
- » CPCCOM1012 Work effectively and sustainably in the construction industry
- » CPCCOM1014 Conduct workplace communication
- » CPCCOM1015 Carry out measurements and calculations
- » CPCCOM3001 Perform construction calculations to determine carpentry material requirements
- » CPCCOM3006 Carry out levelling operations
- » CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
- » CPCWHS3001 Identify construction work hazards and select risk control strategies



Electives offered at all campuses

- » CPCCA3009 Construct advanced roofs
- » CPCCA3018 Construct, erect and dismantle formwork for stairs and ramps
- » CPCCA3019 Erect and dismantle formwork to suspended slabs, columns, beams and walls
- » CPCCCM2002 Carry out hand excavation
- » CPCCJN3003 Manufacture components for doors, windows and frames
- » CPCCJN3004 Manufacture and assemble joinery components
- » CPCCJN3100 Process materials to produce components using static machines

North Metropolitan TAFE Balga campus

Tuition fee \$26,760 | **Resource fee** \$4,000 | **Materials fee** \$440
Duration four semesters (24 months)

Learning resources, facilities and equipment

Learning resources may include access to writing materials, drawing equipment, text books, workbooks, PowerPoint presentations, questionnaires, handouts and video clips.

Facilities and equipment may include use of workshop facilities, computer laboratories, a simulated working environment, plant, equipment and power tools, safety and personal protective equipment. You are required to provide industry standard safety steel capped boots and prescription safety glasses if required.

South Metropolitan TAFE Rockingham and Mandurah campuses

Tuition fee \$26,760 | **Resource fee** \$3,060 | **Materials fee** \$452
Duration four semesters (24 months)

Learning resources, facilities and equipment

Learning resources may include access to the Blackboard Learning Management System (LMS), paper-based learning resources, lecturer developed PowerPoint presentations, industry web links and workbooks.

Facilities and equipment may include access to simulated work areas for all practical-based training, carpentry and joinery workshops, classrooms, equipment and materials for training and assessments, safety equipment and personal protective equipment (PPE). Safety boots must also be used.

Work placement information

It is a requirement that 364 hours of supervised work placement be undertaken at an approved construction site or facility for students at North Metropolitan TAFE.

Career opportunities

» Carpenter

Fee information

There are three types of fees required.

- » **Tuition** – International student tuition fees are set on a commercial basis and are paid as a whole of course fee.
- » **Resource** – These are mandatory fees paid to your TAFE college each semester. These fees are a fixed payment determined by each unit of enrolment. Resources fees are charged for items you will use during your course, for example if you are studying a hospitality course it will be the food that you use; or an art and design course may include paint.
- » **Materials** – These fees are for materials you will keep for use during and after your studies, for example personal protective equipment, text books, uniforms etc.

Tuition fees are current at the time of printing and reviewed annually. Resource and materials fees may apply and these vary between campus locations. For more information about fees please visit tafeinternational.wa.edu.au/fees.

Work placement hours

Work placement hours are subject to change and may vary between campus locations.

TAFE International Western Australia (TIWA) is the registered training organisation (RTO) and Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) provider for the delivery of training to international students enrolled in TAFE courses in Western Australia. These nationally recognised courses are delivered by Western Australian TAFE colleges on TIWA's behalf. TIWA retains responsibility for the quality of the training and assessment delivered by the TAFE colleges and for the issue of certification documentation to students.

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