Certificate III in Carpentry and Joinery

By sesle.pakeha
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General Course Information

Course Code: CPC32011
Faculty: VET
Sector: Vocational Education & Training - VET
Award: Certificate III
Apprenticeship available: No
Year Offered: 2014 - Intake offered for new and continuing students
Full Time Equivalent (FTE): 2
Units Required: Total 32, Core 28, Elective 4
Nominal Hours: Minimum 1142, Maximum 1142
Last update: Wednesday, 20 January 2016 10:42 am

Course Information Contact

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Course's Descriptors

Course Objectives
This qualification provides a trade outcome in carpentry and joinery, covering work in residential and commercial applications. Occupational titles may include:

- Carpenter and joiner.

The qualification has core unit of competency requirements that cover common skills for the construction industry, as well as two specialist fields of work. The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context. Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A covers this requirement.

Admission Requirements
There are no admission requirements for this course, however a Certificate II in Construction will be highly regarded.

Course Structure
To achieve a Certificate III in Carpentry and Joinery a total of THIRTY-TWO (32) units of competency must be completed. This comprises of TWENTY-EIGHT (28) core units of competency and FOUR (4) elective units of competency as detailed in the packaging rules and detailed below.

Statement of Attainments
A Statement of Attainment is issued by a Registered Training Organisation when an individual has successfully completed one or more units of competency from nationally recognised qualification(s)/course(s).

An individual can be issued with this if they have not completed and do not intend to complete the entire qualification(s)/course(s), as per the completion rules for the specified qualification(s).
Registered Training Organisation Identifier
0383

Electives
The offering of electives in this qualification will be subject to the decision of the relevant Directorate that offers this qualification.

### Unit Summary

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<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Hours</th>
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<td>CPCCOHS2001A</td>
<td>Apply OHS requirements, policies and procedures in the construction industry</td>
<td>20</td>
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<tr>
<td>CPCCCM1012A</td>
<td>Work effectively and sustainably in the construction industry</td>
<td>20</td>
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<tr>
<td>CPCCCM1013A</td>
<td>Plan and organise work</td>
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<td>CPCCCM2007B</td>
<td>Use explosive power tools*</td>
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<td>Erect and dismantle restricted height scaffolding*</td>
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<td>Work safely at heights*</td>
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<tr>
<td>CPCCCO2013A</td>
<td>Carry out concreting to simple forms*</td>
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<td>Construct wall frames*</td>
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<td>Construct ceiling frames*</td>
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<tr>
<td>CPCCCA3006B</td>
<td>Erect roof trusses*</td>
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<td>CPCCCA3007C</td>
<td>Construct pitched roofs*</td>
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<td>CPCCCA3008B</td>
<td>Construct eaves*</td>
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<td>CPCCCA3010A</td>
<td>Install and replace windows and doors*</td>
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<tr>
<td>CPCCCA3013A</td>
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<td>CPCCCA3019A</td>
<td>Erect and dismantle formwork to suspended slabs, columns, beams and walls*</td>
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<td>CPCCJN3001A</td>
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<td>RIIWMG203A</td>
<td>Drain and dewater civil construction site</td>
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**Individual Unit's Descriptors**

**Core**

**Apply OHS requirements, policies and procedures in the construction industry**

Code - CPCCOHS2001A  Contact Hours - 20

This unit of competency specifies the outcomes required to carry out OHS requirements through safe work practices at any on or off-site construction workplace. It requires the performance of work in a safe manner through awareness of risks and work requirements, and the planning and performance of safe work practices with concern for personal safety and the safety of others.

**Work effectively and sustainably in the construction industry**

Code - CPCCCM1012A  Contact Hours - 20

This unit of competency specifies the outcomes required to prepare for and sustain effective work within the construction industry. It covers the identification and clarification of the construction industry work context, scope and employment conditions, responsibility required to be accepted by the individual, working in a team, individual career path improvement activities and sustainable work practices and techniques.

**Plan and organise work**

Code - CPCCCM1013A  Contact Hours - 20

This unit of competency specifies the outcomes required to plan and organise individual and group work activities on a construction site. The unit includes identifying task requirements, planning steps and organising work.

**Conduct workplace communication**

Code - CPCCCM1014A  Contact Hours - 20

This unit of competency specifies the outcomes required to communicate effectively with other workers in a construction workplace environment. It includes gathering, conveying and receiving information through verbal and written forms of communication.

**Carry out measurements and calculations**

Code - CPCCCM1015A  Contact Hours - 20

This unit of competency specifies the outcomes required to carry out measurements and perform simple calculations to determine task and material requirements for a job in a construction work environment.

**Read and interpret plans and specifications**

Code - CPCCCM2001A  Contact Hours - 36

This unit of competency specifies the outcomes required to read and interpret plans and specifications relevant to construction operations. It includes the identification of types of plans and drawings and their functions, the recognition of commonly used symbols and abbreviations, the identification of key features and specifications on a site plan, the comprehension of written job specifications and the recognition of document status and amendment detail.
Use explosive power tools*
Code - CPCCCM2007B  Contact Hours - 16
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to apply safe and effective operation of explosive power tools (EPT), used to fasten materials or fix fasteners to bases. It includes both direct action and indirect action explosive powered fastening tools.

Erect and dismantle restricted height scaffolding*
Code - CPCCCM2008B  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to erect and dismantle restricted height scaffolding to provide work platforms for various occupational applications. It includes placement of safety barriers and only involves modular scaffolding restricted to a height of 4 metres.

Work safely at heights*
Code - CPCCCM2010B  Contact Hours - 8
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to work safely on construction sites where the work activity involves working above 1.5 metres from ground level and where fall protection measures are required.

Carry out concreting to simple forms*
Code - CPCCCO2013A  Contact Hours - 20
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to safely install formwork, reinforcement and place and finish concrete for the construction of minor slabs, pathways and other minor works to a specified design finish. The unit includes positioning the truck, placing concrete from truck to work area, spreading concrete and cleaning up site.

Use carpentry tools and equipment*
Code - CPCCCA2002B  Contact Hours - 96
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to safely select and use carpentry tools and equipment. It includes hand tools, power tools, pneumatic tools, plant and equipment.

Handle carpentry materials*
Code - CPCCCA2011A  Contact Hours - 16
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to safely manually handle, store and apply environmental management principles associated with carpentry materials and components. It includes preparing material for mechanical handling.

Carry out general demolition of minor building structures*
Code - CPCCCA3001A  Contact Hours - 32
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to carry out general demolition work of minor building structures to facilitate alterations, extensions and additions to a building. It includes work being completed to a work schedule, plans and specifications.

Carry out setting out*
Code - CPCCCA3002A  Contact Hours - 24
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to identify site boundaries and survey indicators, and establishing, measuring and setting up profiled set outs for buildings and structural components of building work.
Install flooring systems*
Code - CPCCCA3003A  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to plan, prepare, set out and install timber flooring systems to support imposed loads. It includes application in brick veneer, full masonry and timber frame construction.

Construct wall frames*
Code - CPCCCA3004A  Contact Hours - 60
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to plan, prepare, set out, construct and erect load bearing and non-load bearing wall frames for the different types of loadings determined by the roof top and bracing configuration. It includes set out, cutting and fabrication of both timber and metal wall frames, and the erection, connection and bracing of wall frames to specifications.

Construct ceiling frames*
Code - CPCCCA3005B  Contact Hours - 32
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to plan, prepare, set out, construct and erect ceiling frames to accommodate ceiling joists, hanging beams, strutting beams and composite beams. It includes selection of members and setting out of the ceiling frame in conjunction with the roof members.

Erect roof trusses*
Code - CPCCCA3006B  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to select, set out, erect and brace roof trusses to accommodate roof coverings for waterproofing purposes. It includes gable, hip and valley, and hip roofing types.

Construct pitched roofs*
Code - CPCCCA3007C  Contact Hours - 60
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to select, set out, construct and erect pitched roofs to accommodate roof coverings for waterproofing purposes. It includes scotch valley gable, hip and valley, broken hip and valley and combinations thereof.

Construct eaves*
Code - CPCCCA3008B  Contact Hours - 20
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to prepare, set out and construct eaves, including the cutting and fixing of fascias and barges to provide a finish between the wall and the roof. It includes boxed eaves and the finish to gable ends.

Install and replace windows and doors*
Code - CPCCCA3010A  Contact Hours - 70
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to plan, prepare, set out and install window and door units, and to replace window and door units to different types and styles of buildings for access, security, weather proofing and replacement of defective windows and doors. It includes timber and metal window and door units.

Install lining, panelling and moulding*
Code - CPCCCA3013A  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the
outcomes required to prepare, set out and install lining and panelling to either masonry or timber/metal framed walls. It includes the installation of mouldings to provide decorative finishes.

**Install exterior cladding***
Code - CPCCCA3017B  Contact Hours - 20
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to install material finishes applied to an external framed wall surface for the purpose of weatherproofing and securing the building. It includes sheet material, weatherboarding of timber, plastic, metal and fibre cement sheet.

**Carry out levelling operations***
Code - CPCCCA3023A  Contact Hours - 24
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to conduct levelling procedures using the rise and fall method and the height of instrument method for the purpose of establishing correct and accurate set out of buildings, their components and preparation. It includes the set up, testing and use of levelling devices and undertaking closed traverses using a range of levelling equipment.

**Erect and dismantle formwork to suspended slabs, columns, beams and walls***
Code - CPCCCA3019A  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to erect and dismantle formwork to suspended slabs, columns, beams and walls to contain concrete in above ground construction. It includes timber, metal or prefabricated formwork of modular or in situ design.

**Use static machines***
Code - CPCCJN3001A  Contact Hours - 56
*This unit has a pre-requisite of: CPCCOHS2001A. This unit specifies the outcomes required to use static machines, which are those fixed to a set location for their operation, as applies with off-site manufacturing processes.

**Manufacture components for door and window frames and doors***
Code - CPCCJN3003A  Contact Hours - 80
*This unit has a pre-requisite of: CPCCOHS2001A. This unit specifies the outcomes required to carry out machining and manufacturing processes to set out component material in preparation for the assembly of window frames, sashes, doors and door frames. It applies to timber or plastic-covered timber-cored material construction.

**Manufacture joinery components***
Code - CPCCJN3004A  Contact Hours - 40
*This unit has a pre-requisite of: CPCCOHS2001A. This unit specifies the outcomes required to carry out machining and manufacturing processes for component material in preparation for assembling joinery components.

**Elective**

**Carry out excavation***
Code - CPCCCM2002A  Contact Hours - 16
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency specifies the outcomes required to safely install formwork, reinforcement and place and finish concrete for the construction of minor slabs, pathways and other minor works to a specified design finish.

**Place and fix reinforcement materials***
Apply and install sealant and sealant devices*
Code - CPCCSH2003A  Contact Hours - 16
*This unit has a pre-requisite of: CPCCOHS2001A. This unit of competency supports the achievement of skills and knowledge to apply and install sealant and sealant devices, which may include working with others and as a member of a team.

Drain and dewater civil construction site
Code - RIIWMG203A  Contact Hours - 20
This unit covers draining and/or dewatering of civil construction project sites. It includes: planning and preparing; positioning sedimentation control; remove surface water; constructing sump and wells; removing water from sumps or wells, trenches and pits; and cleaning up.

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