

## Next Generation: Carpentry Level 3 41 Weeks – Fulltime

*The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act. \*Programme components subject to change.*



### Employment Pathway

Graduates of this qualification will be able to enter employment in trades within the construction industry as a labourer or an apprentice. With additional training and/or experience they may go on to further roles in the construction industry such as carpenter, joiner, plasterer, painter or roofer.

- **Safe Work Practices**
- **First Aid Training**
- **Hand & Power Tools**
- **Working Drawings & Calculations**
- **Site Planning**
- **Concrete Work**
- **Piles, Flooring and Slab work**
- **Building Legislation**
- **Timber & Exterior Claddings**
- **Interior Lining and Trim**
- **Framing**
- **Demolition**
- **Weatherproofing**
- **Reinforcing**

*Qualification: New Zealand Certificate in Construction Trade Skills (Carpentry) Level 3 NZ2834*

### Graduate Profile

Graduates of the New Zealand Certificate in Construction Trade Skills (Level 3) (Carpentry Strand) will be able to:

- Work safely and in accordance with compliance and regulatory requirements in the construction trades sector
- Carry out assigned carpentry work in a project environment
- Communicate effectively with colleagues and customers within the construction industry
- Perform simple calculations to complete a range of familiar tasks in the construction sector
- Read and use specifications and drawings to complete simple construction projects
- Understand and apply specific carpentry terminology and concepts when carrying out carpentry work in a project environment
- Understand basic building technology, the properties of timber, concrete, steel and composite products, interior and exterior linings and fixings, and apply this knowledge to carpentry projects
- Use construction and installation processes and techniques while carrying out carpentry projects

Unit Schedule	Unit Standard Title Compulsory Courses ( <i>must complete <u>all</u> courses</i> )	Level	Version	NZQA Credits
<b>NZCC3.001</b>	<b>First Aid</b>	<b>2</b>		<b>2</b>
6401	Provide first aid	2	6	1
6402	Provide basic life support	1	8	1
<b>NZCC3.002</b>	<b>Safe Work Practices</b>	<b>3</b>		<b>6</b>
13016	Demonstrate knowledge of the erection and dismantling of scaffolding up to five metres in height	3	4	3
12997	Demonstrate knowledge of safe working practices on construction sites	3	4	3

<b>NZCC3.003</b>	<b>Hand Tools</b>	<b>3</b>		<b>10</b>
12998	Demonstrate knowledge of carpentry hand tools	3	3	4
13037	Safely use and maintain carpentry hand tools on site	3	3	6
<b>NZCC3.004</b>	<b>Power Tools</b>	<b>3</b>		<b>12</b>
13000	Demonstrate knowledge of portable power tools used on construction sites	3	3	4
13039	Safely use and maintain portable power tools and attachments for construction work on site	3	3	8
<b>NZCC3.005</b>	<b>Working Effectively</b>	<b>3</b>		<b>5</b>
29680	Communicate and work effectively in a Stage 3 BCATS project	3	1	5
<b>NZCC3.006</b>	<b>Working Drawings</b>	<b>3</b>		<b>3</b>
24362	Demonstrate knowledge of working drawings and specifications for building work	3	1	3
<b>NZCC3.007</b>	<b>Site Plans</b>	<b>4</b>		<b>3</b>
13004	Demonstrate knowledge of setting out a building	4	3	3
<b>NZCC3.008</b>	<b>Concrete Work</b>	<b>3</b>		<b>3</b>
13010	Demonstrate knowledge of making and placing concrete	3	3	3
<b>NZCC3.009</b>	<b>Flooring and Slab</b>	<b>3</b>		<b>10</b>
13006	Demonstrate knowledge of preparation for footings and slab on ground construction	4	3	2
13043	Excavate and prepare for footings and slab on ground on site	3	3	8
<b>NZCC3.010</b>	<b>Calculations</b>	<b>3</b>		<b>4</b>
24378	Perform building calculations	3	1	4
<b>NZCC3.011</b>	<b>Building Legislation</b>	<b>3</b>		<b>3</b>
24364	Demonstrate knowledge of compliance with building legislation	3	1	3

<b>NZCC3.012</b>	<b>Timber and Exterior Claddings</b>	<b>4</b>		<b>5</b>
13002	Demonstrate knowledge of timber used in construction	3	3	2
13017	Demonstrate knowledge of fixing exterior claddings	4	3	3
<b>NZCC3.013</b>	<b>Interior Linings and Trim</b>	<b>4</b>		<b>5</b>
24388	Demonstrate knowledge of cutting, fitting and fixing interior linings and trim	4	1	5
<b>NZCC3.014</b>	<b>Framing</b>	<b>4</b>		<b>13</b>
24382	Demonstrate knowledge of setting out, assembling and erecting timber and steel wall frames	4	1	5
21015	Assemble wall frames in a controlled environment	3	2	8
<b>NZCC3.015</b>	<b>Demolition</b>	<b>3</b>		<b>1</b>
13031	Demonstrate knowledge of regulations and precautions for demolition work	3	3	1
<b>NZCC3.016</b>	<b>Weatherproofing</b>	<b>3</b>		<b>4</b>
21211	Demonstrate knowledge of the principles of, and methods used in weatherproofing buildings	3	2	4
<b>NZCC3.017</b>	<b>Reinforcing</b>	<b>3</b>		<b>5</b>
13046	Fabricate and place reinforcing steel and steel mesh on site	3	3	5
<b>NZCC3.018</b>	<b>Piles</b>	<b>3</b>		<b>16</b>
24396	Construct pile foundations on site	3	1	16
<b>NZCC3.019</b>	<b>Flooring</b>	<b>3</b>		<b>10</b>
24397	Construct floor framing and flooring on site	3	1	10
<b>Total Credits</b>				<b>120</b>

<b>Course Starts:</b> February	
<b>Course Contact Days:</b> Monday to Friday	<b>Number Weeks Including Holidays:</b> 41
<b>Delivery Site:</b> 364 No.3 Line Carpentry Site	
<b>ENROLMENT ENQUIRIES 0800 348 8215 or info@agctraining.co.nz</b>	