



WHANGANUI HIGH SCHOOL

Construction Trades Academy

Student Information



Presenting you with an opportunity to be involved in the construction of a 3-bedroom relocatable house on the Whanganui High School grounds from 2023.

This programme further develops the skills and knowledge gained as part of the School Technology curriculum and will expose students to a real-life building project.

Students will participate in a 2 day programme of study gaining Level 3 Credits towards the Construction Pre-Trade qualification.

This is an industry partnership facilitated by AGC Training in bringing this real-life opportunity to Whanganui High School students.



Sub-Floor and Frame Construction

The site will be treated as an Operational Construction Site with students being supervised by a Qualified Builder/Tutor. The construction site will operate between the hours of 8.30am and 3.00pm, But these hours may be extended after 3pm on occasion through-out the year and during school holidays.

Students will attend the Academy
2 days per week.

There are 45 credits* on offer as part of this course across the year.

NOTE: * 45 credits are based on 2 days per week attendance and RPL. 75 credits remaining from AGC Training Pre-Trade Programme.



Floor Laid and Frames being Stood



Frames being Stood and Squared

* Credits for this programme contribute towards the Pre-Trade qualification:
NZ Certificate in Construction Trade Skills - Level 3 – Carpentry 120 credits
Credits are achieved by students applying skills, knowledge, and Recognition of Prior Learning {RPL} from the in-school Technology BCATS credits.
Students apply this RPL in a practical context on the house build as part of the Construction Academy.

Graduates of this programme will have gathered a portfolio of practical evidence toward further study in:
Carpentry Pre-Trade Course, and
An Apprenticeship.
Graduates will be eligible to apply for a Scholarship up to the value of \$1000 with AGC Training to continue their study.



Scaffolding and Safety Net Installation by Students



Trusses and Roofing

Students selected will be:
Issued with a pair of Safety Boots & Hi-Viz Shirt
Students accepted will be required to bring these everyday for entry onto the construction site
All other Tools, Equipment and Wet Weather Gear will be Supplied and Kept on-site

Schools Construction Academy - Carpentry Level 3
CONSTRUCTION TRADES ACADEMY – Pre-Trade (2022)



*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.*

<p>Student Profile</p>	<p>Graduates of the in schools Construction Trades Academy (Level 3) programme focusing on the construction of a 3-bedroom relocatable house will be able to:</p> <ul style="list-style-type: none"> • Apply previously achieved knowledge and skills. • Work safely and at heights in accordance with compliance and regulatory requirements in the construction trades sector. • Erect, install and maintain scaffolding to carry out assigned carpentry work associated with building a 3-bedroom House • Carry out assigned carpentry work associated with building a 3-bedroom House • Communicate effectively with colleagues and representatives within the construction industry • Understand and apply specific carpentry terminology and concepts when carrying out carpentry work associated with building a 3-bedroom House • Have used a range of Hand and Power tool associated with the construction process • Read and use specifications and drawings to complete simple construction projects • Use construction and installation processes, techniques and activities associated with building a 3-bedroom House <p><i>This programme leads to the AGC Training Carpentry Level 3 Pre-trade programme that awards the New Zealand Certificate in Construction Trade Skills (Carpentry) Level 3 NZ2834 – 120 Credits</i></p>
<p>Employment Pathway</p>	<p>Graduates of this programme will be able to enroll onto the AGC Training Pre-Trade Carpentry Level 3 programme or enter employment in trades within the construction industry as a laborer or an apprentice.</p> <p>With additional training and/or experience they may go on to further roles in the construction industry such as carpenter, quantity surveyor, draftsman, joiner, plasterer, painter, or roofer.</p>
<p>Special* Conditions</p>	<p>Students who successfully complete this programme will be eligible to apply for scholarships to further their study in construction with AGC Training after leaving school.</p>

Unit Schedule	Unit Standard Title	Level	Version	NZQA Credits
Course.001	Safety	3		8
29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	3	1	<u>2</u>
32503	Work at height in the construction Industry under Supervision	3	1	<u>6</u>
Course.002	Hand & Power Tools	3		12
13037	Safely use and maintain carpentry hand tools on site	3	3	6
32462	Safely use and maintain carpentry hand tools on site	3	3	<u>12</u>
Course.003	Wall Framing	3		14
21015	Assemble wall frames in a controlled environment	3	2	8
32468	Construct and erect wall frames under supervision	3	1	<u>14</u>
Course.004	Roofing	3		6
32483	Erect truss roofs under supervision	3	3	<u>6</u>
Course.005	Weatherproofing	3		2
32478	Use adhesives and sealants for construction work under supervision	3	1	<u>2</u>
Course.006	Exterior Hardware	3		3
32500	Install exterior joinery under supervision	3	1	<u>3</u>
Total Credits				<u>45</u> – (59)

Note: Content above is subject to change after a review of the current programme to ensure content is suitable.

Course Starts: February through to December 2023	
Course Contact Days: TBC	Number Weeks Including Holidays: 40 weeks
Tutors: TBC	Fees: ZERO FEES \$0.00
Delivery Site: Whanganui High School – Construction Academy Site, Purnell Street, Whanganui	