



I like being practical.
Building skills will set
me up for life

MY PATHWAY IS ORANGE



Career Opportunities

Building, labouring, demolition, electrical, concreting, excavation, landscape architect, interior designer, carpentry, plastering, painting, joinery, scaffolding, glass processing, plumbing, drafting plans, quantity surveying, drain laying, building dams, road building and repair + Many more!



Construction

Construction firms operate across all parts of the sector and building everything from major high-rise and commercial buildings, to light commercial buildings and houses. They also refit, renovate and maintain existing buildings.



Infrastructure

Infrastructure companies build roads, bridges, tunnels, ports, airports, dams, electricity/ water/telecom supply structures

Construction & Infrastructure

For further careers information visit

youthguarantee.net.nz
careers.govt.nz

Your son or daughter has expressed an interest in enrolling in the Waikato Trades Academy.

The Waikato Trades Academy (WTA) is a secondary-tertiary partnership between secondary schools and Wintec. The purpose is that students will gain industry relevant experience and credits within a Vocational Pathway that interests them, while still studying at secondary school.

Students enrolled in the WTA must still attend secondary school and keep up with their normal school work. The unit standards achieved at the WTA will count towards NCEA Level 1, 2 or 3.

The Construction and Infrastructure Vocational Pathway is all about the buildings and structures that we use every day. The work is project based, hands on, creative and satisfying. It is important to work as part of a team, completing projects to a high standard but frequently in an informal, onsite setting. The construction industry involves all aspects of construction and maintenance of buildings: from electrical, design and plumbing to quantity surveying, the range of specialities is vast.

Introduction to Construction & Infrastructure Level 3

Programme Modules: Building

||||| NCEA Level: Level 3

||||| Number of Credits: 27

||||| Duration of Programme: February to November with the option to re-enrol for level 3 towards the end of the year

||||| Programme Structure: 1 day per week starting early February (8:30am – 3:00pm) during the school term

||||| Location: Depending on your closest campus, it will be one of the following:
*Wintec Rotokauri Campus, Hamilton (51 Akoranga Rd)
*Wintec Kopu Workshop, Thames (25 Kopu Road)

||||| Cost: Free to the student

||||| Transport: To be arranged with your school. No extra charges should apply.

||||| Contacts: Your contact during enrolment is your secondary school. Your school's key WTA contact will discuss your enrolment, collect your enrolment form and birth certificate, and arrange your transport to Wintec. Once your enrolment is confirmed you will receive a confirmation letter from your school outlining your start date, procedures for absences, and contact details for your Student Advisor at WTA.

||||| Level 3 Entry Criteria: To move on to level 3 you will need to have completed 80% of the available credits in level 2, along with 80% or higher attendance across all points of the year.



Construction & Infrastructure

For further information about WTA visit
wintec.ac.nz/wta

| Unit Standard | Title | Level | Credits |
|---------------|--|-------|---------|
| 12998 | Demonstrate knowledge of carpentry hand tools. | 3 | 4 |
| 12999 | Demonstrate knowledge of timber machining equipment used on sites | 3 | 3 |
| 13037 | Safely use and maintain carpentry hand tools on site | 3 | 6 |
| 13038 | Safely use and maintain bench saws to machine timber on site and testing | 3 | 2 |
| 24378 | Perform building calculations | 3 | 4 |
| 24381 | Demonstrate knowledge of floor framing and flooring construction | 3 | 3 |
| 24401 | Install thermal insulation materials in buildings on site | 3 | 1 |
| 13032 | Demonstrate knowledge of construction equipment | 3 | 1 |
| 16407 | Use and maintain hand and power tools for electrical work | 3 | 3 |

Total Credits | L3= 27