



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 2

Programme Modules: Building, Electrical Engineering, Plumbing and Gas fitting

- |||| NCEA Level: Level 2 (Level 3 at WTA second year)
- |||| Number of Credits: 37
- |||| 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)
 - *Wintec Franklin Region (Located at Wesley College)
- |||| 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
5907	Work safely with electrical equipment	2	1
15844	Select and install flexible cords	2	3
15845	Draw and explain simple electrical diagrams	2	4
25068	Perform basic residential plumbing maintenance under supervision	2	5
2136	Identify and describe hand tools and testing equipment for plumbing	2	2
2139	Soft solder metal joints	2	3
2142	Apply sealant to joints	3	3
1120	Identify and describe hand tools and checking equipment for drain laying	2	2
22607	Read and interpret plans, working drawing and specifications for BCATS projects	2	3
24361	Apply mathematical processes to BCATS projects	2	3
2138	Demonstrate knowledge of asbestos and safety procedures	2	1
12938	Lay paving blocks as a BCATS project	2	4
12939	Erect basic garden edge retaining walls as a BCATS project	2	4

Total Credits | L2=34 | L3= 3