

A career pathway in...

Building & Construction

Like the idea of working with timber and a career in the building and construction industry?

Ever thought about being a carpenter?

Start working toward your trade career today.

At Ranges TEC you can complete a certificate II trade course together with the Victorian Certificate of Applied Learning (VCAL).

Ranges TEC is a school for students in Years 10, 11 and 12 with purpose built trade training facilities. Ranges TEC offers a unique learning experience in a supportive Christian environment.

EMPLOYMENT/CAREER OPPORTUNITIES

A student who successfully completes this training program may secure employment as an apprentice in the Building and Construction industry.

Career paths within the

Construction Industry may include: Foremanship, Estimation, Building inspection, Building services, Drafting (architectural), Building site admin, Contract admin or Union admin.

This course aims to provide participants with knowledge and skill development to enhance their employment prospects within the building and construction industry and enable participants to gain credit towards a nationally recognised qualification.

Pathways to further education include: Certificate III and IV studies in related fields, diploma/degree studies in an applied environment (e.g. TAFE) or university studies upon completion of appropriate articulation arrangements.



COURSE OUTLINE

Units 1&2:

CPCCOHS1001A Work safely in the construction industry

HLTFA211A Provide basic emergency life support

VU20955 Workplace safety and site induction

VU20963 Safe handling and use of plant and power tools

VU20971 Carpentry Hand tools

VU20972 Carpentry power tools

VU20956 Building structures

VU20964 Workplace documents and plans

VU20962 Quality principles for the construction industry

VU20982 Basic environmental sustainability in carpentry

VU20958 Prepare for work in the construction industry

VU20980 Introduction to demolition

Units 3&4:

VU20957 Calculations for the construction industry

VU20961 Levelling

VU20973 Basic setting out

VU20981 Formwork for concreting

VU20959 Communication skills for the construction industry

VU20974 Sub floor framing

VU20960 Introduction to scaffolding and working platforms

VU20975 Wall framing

VU20976 Roof framing

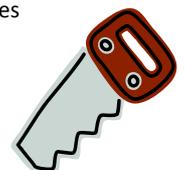
VU20977 External cladding

VU20978 Installation of door and window frames

VU20979 Interior fixing

Assessment:

Assessment may involve a combination of demonstration of practical tasks, assignments and quizzes.



EDUCATION

CREDIT IN THE VCE

Students who undertake partial completion requirements will be eligible for up to seven credits towards their VCE: five credits at Units 1 and 2, and a Units 3 and 4 sequence.

Students who receive Units 3 and 4 sequences for the VCE VET Building and Construction program will be eligible for an increment towards their ATAR (10% of the average of the primary four scaled studies). The increment is awarded by VTAC. Further information: www.vtac.edu.au



VCAL

This program will provide credit points towards VCAL.

AWARD

On Successful completion of this program students will be awarded 22216VIC Certificate II Building & Construction (Carpentry)
Students who partially complete this qualification will receive a statement of attainment listing units successfully completed.

DELIVERY

Location: Ranges TEC community farm, 10 Coulson Rd, Monbulk.

When: Ranges TEC delivers VET courses on Wednesdays and Thursdays. Course times are announced in September each year.

Transport is provided from Hightech Place, Lilydale.

Course duration: 62 weeks (over 8 school terms)

ENROLMENT

a. **Full time Ranges TEC students:**

Talk to the Ranges TEC Director or your home room teacher about your Cert II course preference and how that fits with your overall learning plan at Ranges TEC.

b. **VET students from other schools:**

Apply to have your name added to the list for Cert II courses at Ranges TEC through the VET coordinator at your home school.

Students who are not from VET cluster schools can contact Ranges TEC office directly: Ph. 9738 7100.

If there are places available, you will be invited to submit a Ranges TEC enrolment form and attend orientation in December, prior to the beginning of the course.

COURSE COST

a. **Full time Ranges TEC students:** Fees of Cert II courses delivered at Ranges TEC are included in the overall Ranges TEC tuition & materials fee.

b. **VET students from other schools:**

Units 1&2 Tuition fee **\$1,500** and Materials fee **\$650**

Units 3&4 Tuition fee **\$1,500** and Materials fee **\$650**

Ranges TEC will either invoice students directly or students will receive payment instructions via their home schools. (Most home schools have their own arrangements for invoicing students. Please refer to your home school for details).

If more than one year level of a Cert II course is undertaken, extra fees will apply.

REQUIREMENTS

Workwear & PPE:

- Steel cap, slip resistant, leather boots
- Work pants, long or short
- Hi-visibility tops with collar or Hi-vis vest
- Broad brimmed hat
- Banded ear plugs
- Safety glasses

Tools:

- red builders pencil x 2
- builders 1m rule (foldable to 250mm)
- 8m metric tape measure*

Additional tools will be required as the course progresses:

- square (adjustable or fixed)*
- claw hammer*
- chisel (20 -25mm) & pouch*
- chisel (20 - 25mm- thicker blade) & pouch*
- nail bag, to hold all of the above*

*it is recommended to wait with purchase of items until advice is received from the teacher during first weeks of course.

All other necessary equipment & PPE will be available for student use. If you attend Ranges TEC classes without the appropriate clothing or PPE items you will be excluded from practical classes.

Text books & stationery:

- Pencil case with pens, pencils eraser, sharpener, highlighter & ruler
- A4 4 ring binder (28-50ml) and binder book

Additional Text books required as the course progresses:

- Help your kids with Math, ISBN 978-0-7566-4979-1
- Building a house, framing practices; Charles Simpson & Barry Hodgson; Pelgrave Macmillan. 2nd edition
- AS 1684.4-2010 Residential timber-framed construction; Part 4: Simplified-Non-Cyclonic areas.

RECOGNITION OF PRIOR LEARNING Students who feel that they have previous education or work skills may apply to the VET Coordinator to have their current competencies assessed. More information about RPL is available in the Ranges TEC Student Handbook

Recognition of AQF Qualifications & Statements of Attainment If you have already successfully completed a unit/course at another RTO you don't have to do it again. One of the most important features of the Australian Quality Training Framework is the mutual recognition of training organisations and qualifications including Statements of Attainment. As a registered training organisation Ranges TEC must accept the credentials issued by another registered training organisation based in any State/Territory of Australia. Ranges TEC undertakes to ensure that all Certificates and Statements of Attainment issued by any other registered training organisation are accepted as valid. Equally, the Qualifications and Statements of Attainment issued by Ranges TEC will be recognised Australia wide under these arrangements.

COMPLAINTS POLICY Students who feel that they have been unfairly treated as part of their enrolment or during their studies may access the Complaints and Appeals policy through the Ranges TEC website:

EQUITY AND ACCESS Equity is a term used to cover issues relating to access to VET, participation in VET, and achievement of outcomes in VET. Equity issues range from providing a supportive learning environment to adjusting assessments to meet individual circumstances. Basically, equity refers to the ability to achieve results in training and to receive training in an inclusive environment with inclusive materials. An inclusive environment or set of materials is one that acknowledges and values the differences between people and cultures. It includes rather than excludes.

Ranges TEC is committed to ensuring that all prospective clients are able to participate and have the opportunity to build on their potential, make choices and receive responsive and appropriate products and services. Whilst the destination for all learners may be the same (i.e. demonstrating competence to the standard required), the journey may be different. Ranges TEC aims to ensure equity by being flexible and responsive and avoiding a 'one size fits all' solution to training and assessment.