

Pathways—Landscaping

Our construction students are encouraged to check out a range of professions. One we have seen success with in previous years is landscaping.

So what does a landscaper do? Weed, water and trim hedges right? There is so much more!

Hardscaping—Retaining walls, drainage, paving, driveways, patios, porches, raised plant beds and more.

Softscaping—Selection, installation and care of lawns and flower beds to hedges and trees.

Physical features—Shade structures, lattice, fish ponds, pools and pool landscaping.

This is just an example of the wide variety of jobs on offer for practical green thumbs resulting in amazing and rewarding careers!

SCTTTC Snapshot

Term 2 at the SCTTTC was a fruitful one for our cohort of budding tradespeople. After a term of workplace health and safety and general practical, students are now fully engaged in a suite of practical work that will prepare them for the field.

Buoyed by their work experience over the Easter break many students found themselves well ahead of their classmates in terms of industry jargon and the use of a variety of tools.

Term 2 is our busiest time when it comes to work experience with over 100 students heading out on their first, or even second round of placement.

We look forward to seeing what amazing results our students can produce over these holidays and look forward to Term 3!



Structured Workplace Learning

The Easter break saw nearly 100 budding tradespeople in plumbing, construction, electrical, automotive, salon/cosmetic and aviation head out into industry.

On return in term 2 students regaled their classmates with stories of their time in trade and how the experience helped confirm their direction.

Brant from the SCTTTC again made the pilgrimage around the Sunshine Coast and North Brisbane, visiting as many students and providers as possible.

Feedback from work experience providers was positive with our students again shining on the worksite. As a result of their efforts some students were offered apprenticeships or ongoing work, which is great news!

Our students were seen to be punctual, enthusiastic, mature, proactive and willing to get into whatever task was at hand. We look forward to seeing what the June/July holiday period brings!



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Automotive

Our Certificate II Automotive students found themselves busy in the workshop this term as a reward for hard work in class. JB showed students a range of general servicing activities such as oil and oil filter change, coolant flush and change, brake checks, tyre rotations and changing transmission fluid.

Students assisted JB where possible and conducted pre and post service checks to see what is carried out in a general service. They were then able to apply this knowledge to their theory work.

Students also continued with increasing their automotive knowledge learning about bearings, seals and gaskets.

The workshop as always was an automotive students dream, with students getting hands on with a variety of engine parts and components. Group tinkering is encouraged to check out how different items work, as long as they keep track of the pieces! Through these activities students learn teamwork, communication and the importance of organisation.



Plumbing

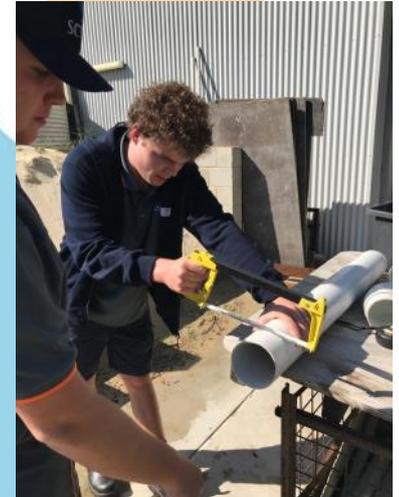
Certificate II Plumbing students continued Term 2 where they first left off, completing the final mandatory workplace health and safety components.

This was followed on by first aid training, relating to their industry and theory preparation for working at heights, which will occur next term.

Students have also been diving into reading plans and obtaining the knowledge needed to calculate material quantities as per the plumbing industry.

In the workshop students continued with copper pipe work, with joints being soldered and sealed for pressure testing.

As a challenge, students were also shown how to cleanly and accurately cut PVC pipe with varying results! Practice will make perfect as students move to complete their work experience hours these holidays!





Construction

Construction students accelerated their practical work this term learning how to use power tools such as the compound mitre saw, circular saw, orbital and belt sanders and driver drills.

These new tool skills were coupled with the hand tool skills learnt in term 1 in the construction of a saw stool and toolbox. The projects also reinforced the measure and cut skills introduced last term with trainer Rob encouraging high levels of accuracy.

Construction students were also involved in moving the SCTTC practical sandpit to make way for the future workshop extension.

Students dug footings and concreted in new posts. This was followed by clean up of materials from the previous site to be recycled for the new walls. Students finished the project by screwing off the final sleepers and filling the space with fresh sand. This project was a change of pace for students and satisfying to complete!



Electrotechnology

Students in our Certificate II Electrotechnology class have completed their workplace health and safety theory this term; a pivotal component in their studies to become electrical apprentices.

Safety is paramount in the electrical industry and this WHS training and skill development assists students in the understanding of what they can and cannot do on their work experience.

Class practicals this term consisted of the dismantling, measuring, and reassembly of small motors. Students gained an appreciation for the complexity of these items and drew 'exploded view' diagrams to further demonstrate this.

Students continued to work on their hand skills in the workshop, practicing drillings into steel, mounting fixtures into a variety of materials and learning how to strip and solder copper wire.

Students also learnt how to apply basic wiring concepts in the workshop, practicing the use of pliers, strippers, driver drills, standard screwdrivers, hammers in a simulated environment;. These practicals are under supervision of their trainer with no live circuits, with reinforcement of what they can and cannot do on their work experience.





Salon/Cosmetics

Certificate II Salon/Cosmetic students spent the term delving further into the customer experience, particularly in the cosmetic field. Students reviewed products and applied them for day and night looks, experimenting with different techniques.

Students continued with hair washing and drying theory, putting the concepts into practice with regular practicals.

Business skills in the salon and cosmetic space were also focused on this term with student learning about merchandising, recommendation of products and services, completing financial transactions and how to provide a premium service to customers.



Aviation

Certificate III Aviation students delved further into the field this term covering an impressive breadth of content including:

- Working effectively in the aviation industry
- Operation and control of multi-rotor aircraft systems
- Maintenance of security awareness and vigilance
- Control of remote pilot aircrafts systems on the ground
- Launch, control and recovery of remotely piloted aircraft
- Conducting aerial searches using remotely piloted aircraft.

Throughout the term students undertook practical flights, practicing a set launch/landings and basic square and bowtie movements using Mavic Minis.





Student success in apprenticeships and employment!

Our 2021 Structured Workplace Learning program will see over 200 students attend work experience with local employers. On work experience students have the chance to showcase their initiative, drive and passion for a career in their field.

Below are our most recent graduate successes, with their employment serving as a perfect example to other students. With thousands of school leavers looking to enter the workforce at the end of each year, SCTTC students are well and truly a step ahead and well on their way to rewarding careers.



Beau
Carpentry



Henry
Electrical



Amone
Diesel



Tim
Carpentry



Nik
Plumbing



Brodie
Electrical



Noah
Fabrication



Corey
Automotive



Kobi
Tiling



Sharni
Hairdressing



Joel
Electrical



Aneisha
Hairdressing



Kane
Automotive



Liam
Plumbing



Lilly
Hairdressing

CONGRATULATIONS!



An electric future awaits

An article by The Conversation has revealed moves by the trucking industry to go electric. The benefits of this are evident, with several larger companies moving toward electric delivery vans as a first step.

Not only does the advent of electric vehicles reduce costs, and hopefully costs to the consumer, but positions a brand as environmentally and socially conscious, win-win!

Linfox is ahead of the curve in Australia and are in the midst of trialling Volvo FL Electric trucks in their fleet.

Trucking companies are not the only industry interested in an electric future with mining companies such as Fortescue Metals targeting net zero operational emissions by 2040, with their mining fleet accounting for half of their current emissions.

Beside charging stations electric industry boffins are working on a concept of swap-and-go, a mode of recharge that would work well for regulated industries such a transport and logistics.

Whatever the path the net savings are becoming increasingly evident, as we move towards a carbon reduced future.



Content courtesy of: Broadbent, G. Metternicht, G. (2021) www.theconversation.com, The trucking industry has begun to turn electric—but the passenger vehicles will take a little longer.



SUNSHINE COAST GRAMMAR SCHOOL



Thank you to our 2021 scholarship providers!



Easter Break Work Experience



SCTTTC administration:

- Monday CLOSED
- Tuesday to Friday 8:30am-3:30pm

Course days:

- Construction — Tuesday to Friday
- Electrotechnology — Tuesday to Friday
- Plumbing — Thursday & Friday only
- Automotive — Tuesday, Wednesday and Friday
- Salon/Cosmetics—Wednesday only
- Aviation—Wednesday only

Check out more content on our Facebook page!



Sunshine Coast Technical Trade Training Centre
 Street Address: 40 Bower Street, Caloundra QLD 4551
 Postal Address: C/- Caloundra SHS
 88 Queen Street, Caloundra 4551



Telephone: 07 5499 5222
 Email: ttcadmin@caloundrashs.eq.edu.au
 Website: sunshinecoasttttc.eq.edu.au
 Facebook: facebook.com/SunshineCoastTTT/

