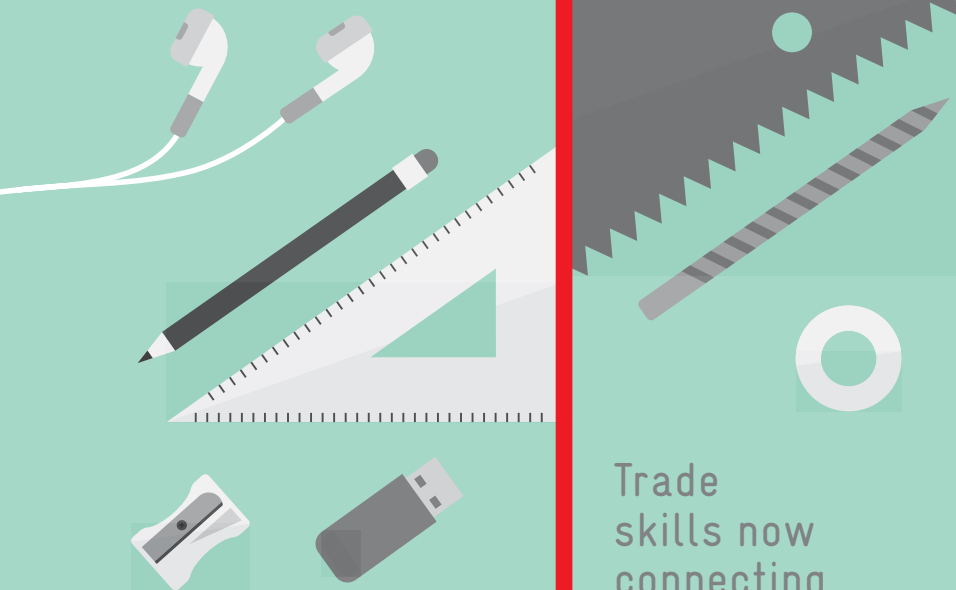


SGTSA

VET Delivered to
Secondary Students
2022



Trade
skills now
connecting...

SOUTH GIPPSLAND TRADE SKILLS ALLIANCE

www.sgtsa.com.au



Index



What is the South Gippsland Trade Skills Alliance?	03
What is VET Delivered to Secondary Students (VET DSS)?	03
General Information	04
Structured Workplace Learning	06
Headstart	07
Proposed Qualifications	09
22569VIC Certificate II in Plumbing (Pre-apprenticeship)	09
UEE22011 Certificate II in Electrotechnology (Career Start)	10
HLT33015 Certificate III in Allied Health Assistance	11
22470VIC Certificate II in Engineering Fabrication and Fitting	12
22338VIC Certificate II in Building & Construction (Pre-apprenticeship)	13
22289VIC Certificate II in Integrated Technologies	15
AUR20716 Certificate II in Automotive Vocational Preparation	16
AHC20116 Certificate II in Agriculture	17
AHC20416 Certificate II in Horticulture	18
Other VET programs in South Gippsland/Bass Coast	19



What is the South Gippsland Trade Skills Alliance (SGTSA)?

The South Gippsland Trade Skills Alliance is a partnership of schools and Registered Training Organisations which offers students access to VET programs.

Students undertaking any of these programs at the South Gippsland Trade Skills Centre will follow a 'blended learning model' which will include access to training via a combination of online learning materials, video conferencing learning sessions and direct tuition with 'hands on' activities. This combination of experiences offers a significant shift in approach and the capacity to target student's learning needs whilst reducing time students are out of their base school.

Schools in the Alliance:

Foster Secondary College, Mirboo North Secondary College, Korumburra Secondary College, Leongatha Secondary College, South Gippsland Specialist School, Chairo Christian School, Mary MacKillop Catholic Regional College, and Wonthaggi Secondary College.

Registered Training Organisations in the Alliance:

TAFE Gippsland, Apprenticeships Group Australia (AGA), Community College Gippsland (CCG).

Given that each of the targeted industry areas has been identified as offering strong employment opportunities in the South Gippsland economy, this is a significant program opportunity for students in this area.

What is VET delivered to Secondary Students (VET DSS)?

VET is designed to expand opportunities and pathways for senior secondary students to improve post compulsory educational outcomes as well as address the employment needs of industry in Victoria.

VET programs comprise nationally recognised VET qualifications undertaken by senior secondary students as part of their Victorian Certificate of Education (VCE) or the Victorian Certificate of Applied Learning (VCAL). They provide a vocationally oriented program of studies leading to a secondary school certificate.

VET programs are typically delivered in partnership between secondary schools, industry and registered training organisations (RTOs). Programs often include opportunities for students to participate in workplace learning.

Students completing a VET subject at school have the option of going onto a Certificate I-IV, Diploma or Advanced Diploma.

A number of VET programs offered in Victoria provide a study score that can be used as one of the primary four VCE subjects when calculating the Australian Tertiary Admission Rank (ATAR).



General Information

VET for VCE students

All VET programs are VCAA approved and can contribute towards the satisfactory completion of VCE. VCE VET units have equal status with other VCE studies.

Scored Assessments

VET in VCE subjects that have a scored assessment component will contribute directly to a student's ATAR, either as one of the student's primary four studies or as a fifth or sixth study. A contribution to the ATAR is subject to receiving a study score. Students may elect not to undergo a scored assessment and will therefore not be eligible for an ATAR contribution from their VET program. Information on scored assessment is outlined on each individual program's outline in this publication.

VCE VET Programs without a study score

Students who choose not to complete a scored assessment or who undertake a VCE VET Program that isn't scored are eligible to receive an increment of 10% of their average primary four (4) ATAR subjects scores if they successfully complete a Units 3 & 4 sequence.

Block Credit Recognition

Programs that are not VCE VET approved can attract a Block Credit Recognition for VCE students. The Block Credit Recognition is awarded on the basis of achieving units of competence/modules completed at a Certificate II level and may contribute towards credit at Units 1 and 2 level. Units of competence/modules completed at a Certificate III level may contribute towards credit at units 3 and 4. All Block Credit Recognition is dependent on a minimal amount of hours being completed.

Victorian Certificate of Applied Learning (VCAL)

All VET Programs can contribute to Foundation and Intermediate VCAL. Subjects at a certificate III level can contribute to a Senior VCAL qualification. VET satisfies the eligibility requirement of the Industry Specific Skills and Work Related Skills strands with the VCAL.

A credit towards VCAL is awarded upon successful completion of approximately 100 hours of nominal hours of units of competency when it is taken from an accredited curriculum. All VET programs come from accredited curriculum.

A VCAL student will not receive credit towards their VCAL for partially complete units of competence or for units of competence that they have not been deemed successful in completing.



Orientation Day

The SGTSA Orientation day will be held on 24th November at the Training Organisation responsible for your program. On the day, parents and students will have the opportunity to find out further information regarding programs and speak to individual trainers.

Program Entry

Some courses may require prospective students to undertake an interview, aptitude test or language literacy and numeracy assessment.

SGTSA Policies & Procedures

All VET students are required to abide by all policies and procedures whilst enrolled and attending any SGTSA facilities. This includes our Bullying and Complaints Procedure.

Structured Workplace Learning

The SGTSA ensures that all work placements are suitable to students, and are of the highest quality. Discretion will be used when assessing the suitability of students, bearing in mind students who have not met minimum competencies and/or communicated that they do not wish to work within the industry.

Program Hours and Units

Program units that appear in this handbook are subject to change due to training package updates or enrolment numbers.

School Based Apprenticeships and Traineeships

The SGTSA can support school based apprentices and trainees by providing relevant training as part of the VET Program. These students can undertake their training within the normal VET framework with convenience.

For Further Information

Please contact the VET In Schools Coordinator at your school for further program information and career guidance relating to the courses in this handbook.

Contact the SGTSA on: 0427 468 540
or info@sgbcllen.org.au
or visit: www.sgtsa.com.au

Disclaimer:

All information contained within this document is accurate, to the best of our knowledge, at the time of writing.

All programs are available in South Gippsland/Bass Coast subject to numbers.



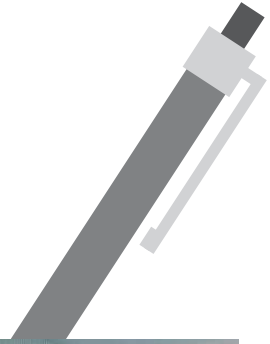
Structured Workplace Learning

Many employers expect school leavers to have some practical experience, enabling them to quickly become productive in the work environment. A Structured Workplace Learning (SWL) placement helps students to get real experience.

- SWL is on-the-job training in an actual workplace
- Host employers supervise and instruct the students as they practise and extend the industry skills they have learned in their VET programs.

- SWL contribute to VCE/VCAL results and it is recommended that all VET students complete an SWL placement
- Before starting a placement, the employer, student and parent must sign the SWL Arrangement Form – ask your VET coordinator to arrange this
- The SWL web page can help you find an SWL placement:
workplacements.education.vic.gov.au

If you have difficulty securing a placement contact the SWL Coordinator at the SGBCLLEN on 0409 832 418



Head Start Apprenticeships & Traineeships

What is Head Start?

Head Start is an Apprenticeship and Traineeship pathway for school students aimed at giving them just that. Head Start allows students to undertake their VCE or VCAL while spending more time in paid, on-the-job training to develop skills employers need in growing industries.

Head Start students leave secondary school with their VCE or VCAL and the recognition for completing or near completed their Apprenticeship or Traineeship.

The Benefits of Head Start?

Head Start students are supported to grow into skilled Apprentices and Trainees who have the literacy and numeracy skills and on the job experience that employers seek. Employers and students are supported by Head Start Coordinators over the whole apprenticeship or traineeship.

Employers are committed to providing genuine, long-term employment opportunities to young people who want to complete both their apprenticeship/ traineeship and their VCE/VCAL.

Students receive professional career planning advice from their school career practitioner, get the opportunity to discuss it with family and weigh up if it is the right career pathway for them, before signing up to a Head Start apprenticeship or traineeship.

A Head Start student receives;

- More time on the job in areas of industry demand.
- Employer support for students to complete their VCE or VCAL, as well as their apprenticeship or traineeship.
- Payment of a fair training wage.
- Quality training through Victorian TAFE or Skills First Registered Training Organisations.
- Strong support for the life of their apprenticeship or traineeship.



Head Start (cont.)

How Head Start Works?

Depending on the needs of the employer, students attend schools some days and work on others. At a minimum, students will undertake paid employment for;

- One day per week in Year 10
- Two days per week in Year 11
- Three days per week in Year 12

Head Start Qualifications

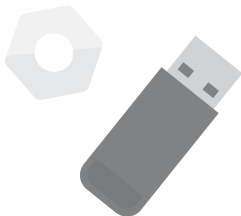
Our program supports 44 Certificate III Qualifications and Certificate IV Qualifications such as Early Child Care and Education, Carpentry, Civil Construction, Automotive, Business, Plumbing, Horticulture and many more. (To obtain a full list, please speak to one of our Head Start Coordinators)

Further Information?

For further information –

Tanya Nelson servicing Foster, Wonthaggi and Korumburra Secondary College
Ph. 0447 214 808

Nicole Hobson servicing Mirboo North and Leongatha Secondary College
Ph. 0477 990 802



Proposed Qualifications

09

PLUMBING

22569VIC Certificate II in Plumbing (Pre-apprenticeship)

RTO: AGA Apprenticeships Plus - 3829

Program Details

Certificate Code: 22569VIC

Completion: Full

Scored Assessment: No

VET in VCE: Yes

VCE Recognition: Yes

VCAL Recognition: Yes

Block Credit: Yes

Prerequisites: Nil

Practical Placement: No

Additional Cost: Nil

Clothing/Equipment: PPE needed with work boots (preferably steel cap) essential.

Sample of Proposed Units:

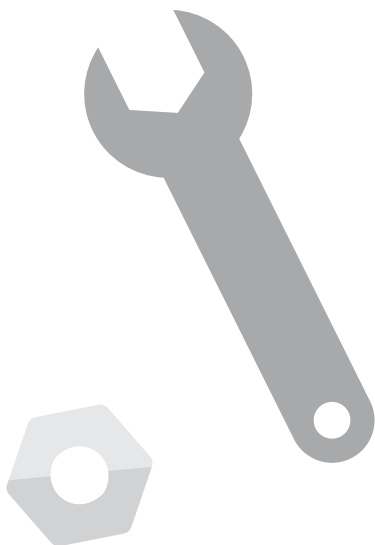
- Plumbing hand tools
- Use basic power tools
- Perform basic oxy-acetylene welding and cutting
- Use basic electric welding equipment and techniques
- Use plumbing pipes, fittings and fixtures to simulate plumbing installations
- Apply basic sheet metal practices
- Fabricate simple plumbing pipe systems
- Cut and penetrate building materials and structures
- Identify career pathways in the plumbing industry

Study Pathways

Certificate III in Plumbing

Possible Career Pathways

Apprentice Plumber; Licensed Plumber



Proposed Qualifications

10

ELECTRICAL

UEE22011

Certificate II in Electrotechnology (Career Start)

RTO: AGA Apprenticeships Plus - 3829

Program Details

Certificate Code: UEE22011

Completion: Full

Scored Assessment: No

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Prerequisites: Nil

Practical Placement: No

Additional Cost: Nil

Clothing/Equipment: PPE needed with work boots (preferably steel cap) essential.

Sample of Proposed Units:

- Apply Occupational Health Safety regulations, codes and practices in the workplace
- Solve problems in d.c. circuits
- Fabricate, assemble and dismantle utilities industry components
- Fix and secure electrotechnology equipment

Sample of Proposed Units (cont.):

- Carry out preparatory energy sector work activities
- Carry out routine work activities in an energy sector environment
- Identify and select components, accessories and materials for energy sector work activities
- Use of routine equipment/plant/technologies in an energy sector environment
- Apply environmentally and sustainable procedures in the energy sector
- Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply

Study Pathways

Certificate III in Electrotechnology Electrician

Possible Career Pathways

Apprentice Electrician; Licensed Electrician



HEALTH

HLT33015 Certificate III in Allied Health Assistance

RTO: TAFE Gippsland – 0417

Program Details

Certificate Code: HLT33015

Completion: Full

Duration: 2 Years

Scored Assessment: Yes

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Prerequisites: Year 10

Structured Workplace Learning: Yes

Practical Placement: Required

Additional Cost: Nil

Clothing/Equipment:

- Solid, closed in shoes
- Branded uniform shirt will be supplied
- Students will need to comply with dress regulations when on work placement
- Students must have access to a computer and Internet along with access to the Microsoft Suite

This qualification reflects the role of allied health workers who provide assistance to allied health professionals and other health professionals with the care of clients. Depending on the setting, work may include following treatment plans for therapeutic interventions and/or conducting programs under the regular direct, indirect or remote supervision of an allied health professional. This program requires study over a 2 year period. Students complete 80 hours of placement and often use this program to pathway into Diploma of Nursing and/or other health disciplines once they complete secondary school.

Sample of Proposed Units:

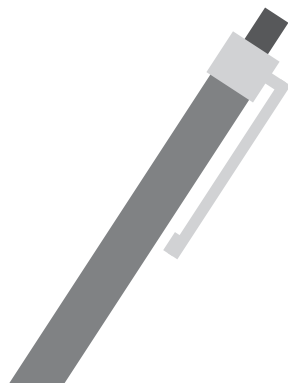
- Communicate and work in health or community services
- Comply with infection prevention and control policies and procedures
- Participate in workplace health and safety
- Organise personal work priorities and development
- Assist with movement
- Maintain a high standard of service
- Respond effectively to behaviours of concern
- Recognise healthy body systems
- Interpret and apply medical terminology
- Work with diverse people
- Take Clinical Measurements
- Assist with Allied Health program

Study Pathways

Certificate IV in Allied Health Assistance
Diploma of Nursing

Possible Career Pathways

Enrolled Nurse; Paramedic



Proposed Qualifications

12

ENGINEERING

22470VIC

Certificate II in Engineering Fabrication and Fitting

RTO: TAFE Gippsland – 0417

Program Details

Certificate Code: 22470VIC

Completion: Full

Duration: 2 Years

Scored Assessment: Yes

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Prerequisites: Nil

Practical Placement: No

Structured Workplace Learning: Strongly

Recommended

Clothing/Equipment:

- Safety boots
- Overalls or drill pants
- Branded uniform shirt, safety glasses and ear protection will be supplied

Through this course you will learn basic welding and fabrication of metal structures, while also learning basic fitting and turning including working from detailed drawings. You will also learn hand and power tools skills whilst undertaking practical tasks. This course is suited to learners looking to follow a career within the fitting or turning industry.

Sample of Proposed Units:

- Perform metal machining operations
- Use power tools/hand held operations
- Perform basic welding and thermal cutting processes to fabricate engineering structures
- Perform intermediate engineering computations
- Undertake a basic engineering project
- Apply basic fabrication techniques
- Select and interpret drawings and prepare three dimensional (3D) sketches and drawings
- Report on a range of sectors in the manufacturing, engineering and related industries
- Use hand tools
- Perform basic machining processes
- Apply principles of occupational health and safety in the work environment

Study Pathways

Certificate III in Engineering (Fabrication Trade)

Certificate IV in Engineering

Possible Career Pathways

Fitter & Turner; Mechanical Fitter



CARPENTRY

22338VIC

Certificate II in Building and Construction (Pre-apprenticeship)

RTO: AGA Apprenticeships Plus - 3829

Program Details

Certificate Code: 22338VIC

Completion: Partial

Scored Assessment: Yes

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Prerequisites: Nil

Practical Placement: No

Additional Cost: Nil

Clothing/Equipment: PPE needed with work boots (preferably steel cap) essential.

Sample of Proposed Units:

- Work safely in the construction industry
- Carpentry hand tools
- 4 power tools
- Provide basic emergency life support

Sample of Proposed Units (cont):

- Communications for the construction industry
- Workplace documents and plans
- Levelling
- Basic setting out
- Sub-floor framing
- Wall framing
- Prepare for work in the construction industry
- Roof framing
- Measurements & calculations

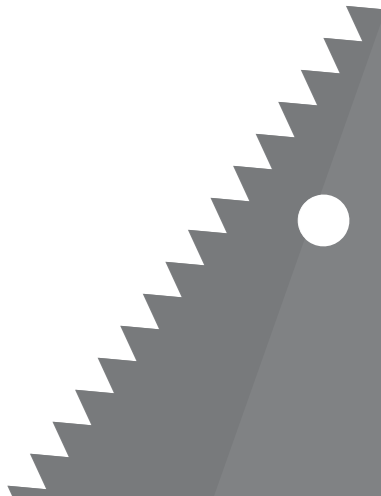
Study Pathways

Certificate III in Carpentry

Possible Career Pathways

Apprentice Carpenter; Carpenter

A 15 year old student today will likely have 17 jobs in 5 different industries over their lifetime





VET graduates earn wages comparable to, if not exceeding, that of university graduates. The median income of a VET graduate is \$56,000. The median graduate salary for students completing a degree is \$54,000.



ROBOTICS & 3D PRINTING

22289VIC

Certificate II in Integrated Technologies (Robotics, Electrical & 3D Printing)

RTO: TAFE Gippsland – 0417

Program Details

Certificate Code: 22289VIC

Completion: Full

Duration: 2 Years

Campus: SGTSA Leongatha

Scored Assessment: Yes

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Pre-Requisites: Nil

Practical Placement: No

Clothing/Equipment:

- Branded uniform top will be provided
- Long pants
- Solid, closed in shoes

Sample of Proposed Units:

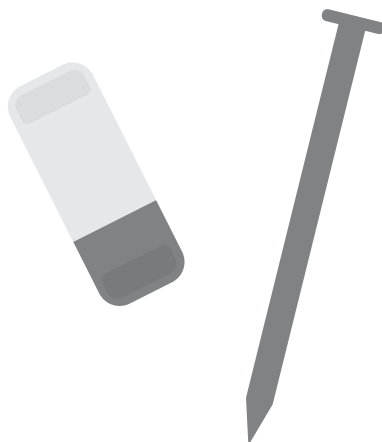
- Create products using 3D printing
- Use electrotechnology skills in integrated technology work
- Use software applications in integrated technology work
- Configure and program a basic robotic system
- Apply introductory programming techniques
- Set up and test an embedded control system

Study Pathways

- Certificate III in Engineering
- Certificate III in Electrotechnology (Electrician)
- Certificate III in Instrumentation
- Diploma of Information Technology
- Advanced Diploma of Information Technology
- Certificate IV in Digital & Interactive Games

Possible Career Pathways

- Electrician
- Computer Programmer
- Mechatronics engineer
- Engineer



Proposed Qualifications

16

AUTOMOTIVE

AUR20716

Certificate II in Automotive Vocational Preparation

RTO: TAFE Gippsland – 0417

Program Details

Certificate Code: AUR20716

Pre-Apprenticeship: Pre-Vocational

Completion: Full

Scored Assessment: No

VET in VCE: Yes

VCAL Recognition: Yes

Block Credit: Yes

Pre-Requisites: Nil

Practical Placement: No

Additional Costs: Nil

Clothing/Equipment:

- Safety boots
- Overalls
- Safety gear must be work to all classes

Sample of Proposed Units:

- Follow safe working practices in an automotive workplace
- Solder Electrical Wiring and Circuits
- Inspect, Test and Batteries
- Dismantle and Assemble Single Cylinder Four-Stroke Petrol Engines
- Communicate Effectively in an Automotive Workplace
- Carry Out basic Vehicle Servicing Operations
- Resolve Routine problems in an Automotive Workplace
- Remove and Replace Brake Assemblies
- Identify Automotive Electrical Systems and Components

Sample of Proposed Units (cont):

- Dismantle and Assemble Multi-Cylinder Four-Stroke Petrol Engines
- Follow environmental and sustainability best practice in the automotive workplace
- Use and Maintain workplace tools and equipment
- Automotive mechanical Systems and Components
- Operate Electrical Test Equipment
-

Study Pathways

- Certificate III in Light Vehicle Mechanical Technology (Apprenticeship) AUR30616
- Certificate III in Heavy Commercial Vehicle Mechanical Technology (Apprenticeship) AUR31116

Possible Career Pathways

- Mechanic
- Vehicle Service Assistant
- Motor Sport Technician's Assistant

Jared Lovie from JSL Light Engine Repairs in Leongatha participated in a VET program while at school and now runs his own business. His apprentice also completed a VET program before starting his apprenticeship.



AGRICULTURE

AHC20116 Certificate II in Agriculture (SBT/VET)

RTO: TAFE Gippsland – 0417

Program Details

Certificate Code: AHC20116

Completion: Full

Duration: 1 Year

Scored Assessment: No

VET in VCE: Yes

Block Credit: Yes

Pre-Requisites: Nil

Practical Placement: No

Structured Workplace Learning: Strongly Recommended

Clothing/Equipment:

- Solid, closed in shoes
- Clothing suitable for practical work
- Branded uniform shirt will be supplied
- Students must have access to a computer and Internet along with access to the Microsoft Suite

Sample of Proposed Units:

- Participate in work health and safety processes
- Work effectively in the industry
- Participate in environmentally sustainable work practices
- Assist with soil or growing media sampling and testing

Growing job opportunities are predicted for agriculture and horticulture.

Sample of Proposed Units (cont):

- Observe and report on weather
- Care for health and welfare of livestock
- Treat weeds
- Treat plant pests, diseases & disorders
- Plant trees and shrubs
- Shift materials safely using manual handling methods
- Participate in workplace communications
- Apply chemicals under supervision
- Carry out basic electric fencing operations
- Install, maintain and repair farm fencing
- Monitor Water Supplies
- Recognise Plants
- Collect and record production data
- Operate Tractors

Study Pathways:

- Certificate III in Agriculture (Apprenticeship/Traineeship)
- Certificate III in Dairy Production
- Certificate IV in Agriculture

Possible Career Pathways:

- Farm hand, Stockperson
- Dairy trades person
- Agriculture service provider
- Contractor



Proposed Qualifications

18

HORTICULTURE

AHC20416 Certificate II in Horticulture

**RTO: Community College
Gippsland (CCG) - 4181**

Certificate Code: AHC20416

Pre-Apprenticeship: No

Completion: Full

Duration: 2 Years

Campus: Warragul, Leongatha

Scored Assessment: No

VET In VCE: No

VCAL Recognition: Yes

Block Credit: No

Pre-Requisites: Nil

Practical Placement: No

Additional Costs: Nil

Clothing/Equipment:

- High vis shirt
- Safety glasses
- Gloves
- Steel Capped Boots

Sample of Proposed Units:

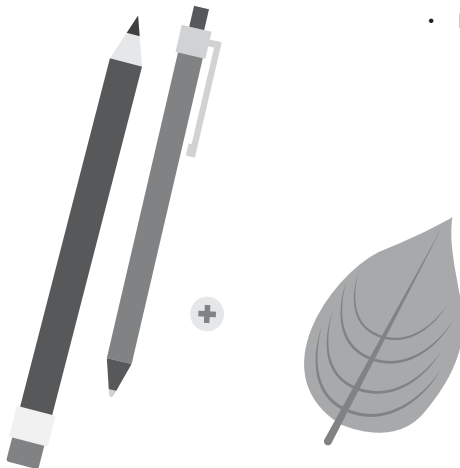
- Recognise plants
- Operate basic machinery and equipment
- Treat plant pests, diseases and disorders
- Undertake propagation activities
- Assist with soil or growing media sampling and testing
- Collect, prepare and preserve plant specimens
- Assist with pressurised irrigation operations

Study Pathways

- Certificate III in Horticultural (classroom based, traineeship)
- Certificate III in Conservation and Land Management (classroom based, traineeship)

Possible Career Pathways

- Conservation Worker
- Nursery Assistant



Other VET programs South Gippsland/Bass Coast

ACM20117

**Certificate II in
Animal Studies**

RTO: TAFE Gippsland – 0417

SHB30115 & SHB20216

Hair & Beauty Skills Set

RTO: TAFE Gippsland – 0417

SIT20316

Certificate II in Hospitality
(Front of House)

RTO: TAFE Gippsland – 0417

SIT20416

**Certificate II in
Kitchen Operations**
(Cookery)

RTO: TAFE Gippsland – 0417

CHC30113

**Certificate III in Early
Childhood Education & Care**

RTO: TAFE Gippsland – 0417

CHC22015

**Certificate II in
Community Services**

RTO: Chisholm Institute –
Bass Coast campus – 0260

SIT30216

Certificate II in Hospitality
RTO: Chisholm Institute –
Bass Coast campus – 0260

CHC22015

**Certificate II in
Community Services**
RTO: CCG Community
College Gippsland – 4181

RGR20108

**Certificate II
in Racing Stablehand**
RTO: CCG Community
College Gippsland – 4181

SHB20116

**Certificate II in
Retail Cosmetics**
RTO: CCG Community
College Gippsland – 4181

SHB20216

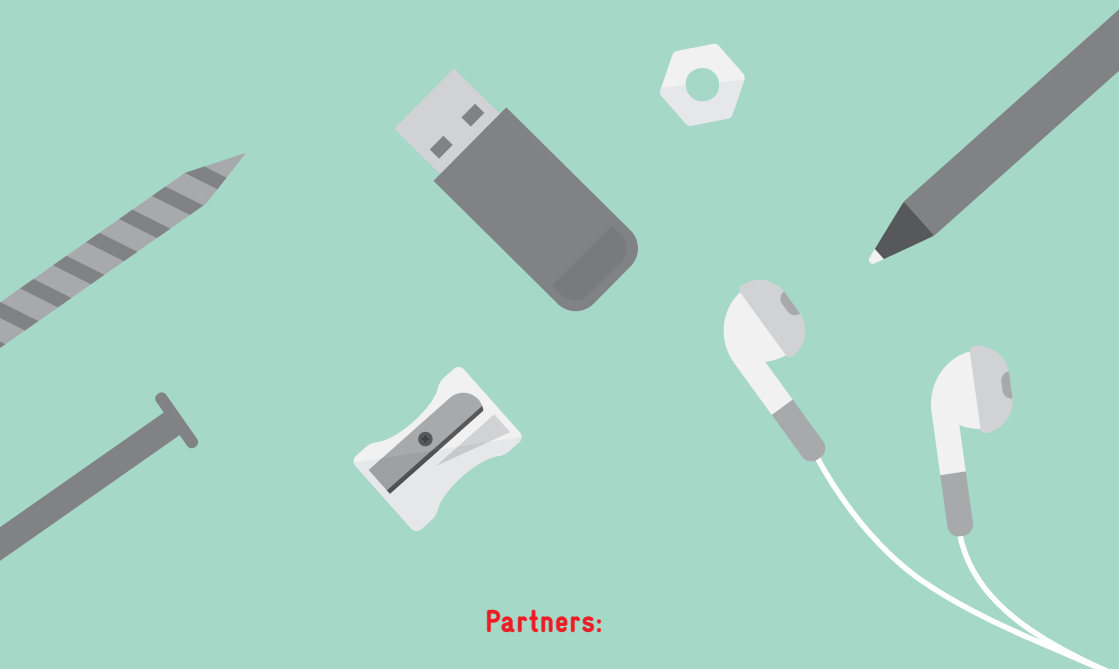
**Certificate II
Salon Assistant**
RTO: CCG Community
College Gippsland – 4181



Thinking a trade might be for you?



For information about VET programs at your school go to:
sgbcllen.org.au/programs/vet/



Partners:

