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This guide outlines the Vocational Education & Training (VET) programs offered by Rowville Secondary College for students in Years 9, 10, 11 and 12, including program options that complement the Victorian Certificate of Education (VCE), to the delivery of the Victorian Certificate of Applied Learning (VCAL). These programs enable students to add a vocational focus to their years of secondary school, especially those students in their final years, as well as graduate directly into further TAFE study and achieve a head-start on their career pathway.

They are suitable for current secondary school students, early school leavers, or students who are uncertain about the career path they would like to take upon leaving secondary school. More importantly, they provide students with an opportunity to trial a career, before making a commitment toward their future career path.

VET programs are delivered in simulated industry environments and are taught by industry experienced practitioners who are qualified in both delivering training, and in their field of expertise. Whilst all programs are customised for secondary school aged students, the curriculum is drawn directly from the certificate or diploma program on which it is based. This enables students to complement their school-based studies with industry relevant training, while gaining a head-start on tertiary and employment opportunities.

This guide provides an insight into the extensive range of opportunities available at Rowville, and the information necessary to help students get started!

### **What is VET in the VCE?**

Vocational Education and Training (VET) in the VCE is a Government initiative that offers students a chance to complete year 11 and year 12 at school while undertaking vocational studies.

### **Why Choose VET in the VCE?**

Students that successfully complete a VCE with a vocational component have distinct advantages. The advantages are:

- students completing year 12 may successfully complete two certificates - VCE and a nationally recognised vocational qualification;
- vocational qualifications articulate students directly into further study such as Certificate III, Certificate IV or Diploma level;
- improved opportunities for gaining employment in the students' chosen area by providing links with industry.
- A VET subject, (if it has a study score) if completed at Units 3&4 level, will contribute to your Australian Tertiary Admission Rank (ATAR) in the same way as a normal VCE subject. VETIS subjects are able to be counted in the Primary Four subjects in the calculation of the ATAR.

### **VET as part of VCAL**

All students who select VCAL must complete a VET subject as a compulsory part of their studies.

### **The TAFE Environment**

Secondary school students entering the TAFE environment for the first time need to understand that they are entering an adult learning environment. Students at TAFE have either made a conscious decision to learn about a new field of study or to improve their employability skills. In some cases, the student's fees are being paid by their employer. The atmosphere at TAFE has a flavour of relaxed yet purposeful learning.

### **COSTS**

All students contribute **\$300** to Rowville Secondary College towards the cost of these programs.

Students may be required to pay **additional costs** for materials or uniforms or books that are required for the course and are retained by the student.

### **VETIS Programs available through external training organizations.**

VETIS programs not delivered at Rowville Secondary College are generally restricted to Senior School students. Where students elect to take a VETIS program that is delivered by another training organisation such as a TAFE Institutes or another Secondary College, they will need to attend that Training Organisation on a week day or afternoon. Some of these programs may include a work placement. It is important that these students keep up to date in any subjects where they miss regular classes on these days.

The programs that are available are:

- Animal Technology
- Allied Health
- Beauty
- Childcare
- Electrical
- Fashion
- Hospitality
- Laboratory Skills
- Multimedia
- Acting
- Automotive
- Building & Construction
- Engineering
- Equine
- Hairdressing
- Information Technology
- Landscaping
- Plumbing

### **Pathways Programs:**

These costs vary and are generally payable directly to TAFE and are designed for Year 10 students to provide them with a taste of a particular industry area and do not provide credit towards VCE or VCAL programs.

These programs usually run for one semester at **Holmesglen** (Chadstone, Waverley or Moorabin); **Swinburne** (Wantirna, Croydon, Lilydale) and **Box Hill**

Details are provided directly to students from the Careers Office.

Applications close in November and May for the following semester. No late applications can be accepted and they are treated on a first-come first serve basis by the TAFE Institute.

Some of the programs that are available include:

- Beauty
- Bricklaying
- Carpentry
- Electrical
- Hairdressing
- Joinery
- Landscaping
- Health
- Leadlighting
- Plumbing

### **Application Procedure**

Students must complete all the following:

- Separate application form
- Attend an additional information session
- Complete an aptitude assessment with Careers Manager
- Pay \$300 to Rowville Secondary College by Friday 16<sup>th</sup> September 2011.**

If demand is greater than the number of positions available unsuccessful applicants will be placed on a waiting list.

Classes will run subject to sufficient numbers.

Successful applicants will receive a letter from TAFE in regard to the procedures for enrolling before the end of the year.

# KIOSC

The Knox Innovation and Opportunity Skills Centre (KIOSC) Trade Training Centre is a \$10.3 million, purpose built innovation and technology centre that will equip students from Rowville Secondary College and neighbouring secondary schools with the "green" skills necessary for their success in the globally technology focused workplace of the future.

The KIOSC Trade Training Centre program will maximise students' employment potential, broaden their career aspirations and options and respond to local industry demands for more industry focused curriculum and training.

In 2012, once KIOSC is fully operational, Laboratory Skills, Printing & Graphic Arts Engineering, Robotics, Electro-technology and Renewable Energy courses will be offered. These vocations have been identified as skill shortage areas nationally, thus students studying these courses will have enhanced pathways post secondary school.

Local high tech businesses will be integrally involved in the program by providing opportunities for students to connect classroom learning to the "real world" through a range of integrated programs including structured work place learning, cadetships, industry visits and mentoring.



# ACTING

The course aims to develop student knowledge of the variety of careers available in this industry - as well as to develop students' acting and technical competence. It provides the fundamental information for entry into the film and TV industries. Students gain the Certificate III in Acting for Film and TV

## Unit 1 & 2 Program content

The first year focuses on an overview of the film and TV industry, governing bodies, film and TV careers and skills, types of auditions, audition preparation, script knowledge and development.

## Unit 3 & 4 Program content

The second year focuses on rehearsing or performing scripts, performance in front of camera and live audiences, screen tests, rehearsing and filming scenes and styles, protocols and knowledge of the film and TV industry, camera techniques and filming styles.

## Contribution to VCAL/VCE

**VCAL:** This program contributes to the industry strand of VCAL.

**VCE:** Block credit arrangements are available for this program.

**ATAR:** This subject does not have a study score and therefore cannot contribute towards the student's primary four. It can however, be counted as a 5th or 6th subject and contribute to the ATAR as a 10% increment, calculated from the average of the primary four.

## Possible Pathways

- Diploma of Arts - Acting
- Advanced Diploma of Arts
- Degree in Arts

## Possible future career opportunities

- Actor
- Technical crew member
- Lighting and Sound technician
- Stage Manager

## Location

Mullum Cluster Provider: MBCTA Youth Theatre (Boronia)

- Units 1 & 2 Mondays 5.00pm - 8.00pm
- Units 3 & 4 Wednesdays 2.00pm - 5.00pm

## Costs

Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

There is **an additional materials** cost for this course. The student pays all materials costs when enrolment is confirmed in December.

# ALLIED HEALTH

## **This course aims to:**

1. Offer students a "taster" of a variety of allied health professions including a glimpse into the work worlds of physiotherapy, occupational therapy, dietetics/nutrition, speech pathology etc.
2. Engage young people in the diverse options available in community health and in hospital environments.
3. Secure a nationally accredited qualification in an area of high demand - allied health assistance is an emerging and growing career option in both public and private practice.

## **Unit 1 & 2 Program content**

At the end on Units 1 & 2 students will be able to identify:

1. What allied health is and how AHAs contribute to good health.
2. How to safely assist patients to move and be mobile.
3. How to provide basic emergency life support and contribute to an AHA program.
4. How to better understand mental health issues in the community.

## **Unit 3 & 4 Program content**

At the end of the Unit 3 & 4 program students will be able to identify standard medical terminology, what constitutes a healthy body system, key features of a health/hospital work environment and what is needed to be an effective worker in the sector.

## **Contribution to VCAL/VCE**

VCAL: This program contributes to the industry strand of VCAL.

VCE: Block credit arrangements are available for this program.

ATAR: This subject does not have a study score and therefore cannot contribute towards the student's primary four. It can however, be counted as a 5th or 6th subject and contribute to the ATAR as a 10% increment, derived from the average of the primary four.

## **Pathways for Allied Health**

- Certificate IV in Allied Health Assistance
- Diploma of Nursing
- Advanced Diploma of Nursing
- Bachelor of Nursing

## **Possible future career opportunities**

- ,Therapy assistant
- ,Physiotherapy assistant
- ,Occupational assistant
- ,Podiatry assistant

## **Location**

Box Hill TAFE

Units 1 & 2 Wednesdays 1.30pm - 4.30pm.

## **Costs**

Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

There is an **additional materials** cost for this course. The student pays all materials costs on enrolment in December.

# ANIMAL TECHNOLOGY

The Certificate II in Animal Studies is a general prevocational qualification aimed for inclusion as a school program (VCE or VCAL) or as an entry point into the industry. This course is designed to provide you with an understanding of the basic skills and knowledge to become an animal carer while studying at a secondary school level. It will also assist you in making an informed decision as to whether or not you would like to pursue a career within the animal industry.

## Contribution to the VCE / VCAL

**VCAL:** - Accredited Vocational Training, approximately 2 credits.

**VCE:** - Secondary schools will need to apply to the VCAA for recognition of this program as Block Credit towards the student's VCE.

## Program outline

Topics covered include:

- Work in the animal care industry
- Follow OHS procedures in an animal care environment
- Assist with general animal care
- Provide food and water for animals
- Participate in workplace communications
- Assist with food preparation
- Provide basic first aid
- Prepare for and conduct a tour or presentation
- Provide information on companion animals, products and services
- Carry out vet reception duties

## Special Requirements

Students must have completed or be about to **complete 2 weeks' work experience** within the animal care industry. Students must provide evidence of work experience undertaken from an employer and a copy of a current tetanus vaccination. All prospective students must attend an information session in December. Details about the information session will be sent to prospective students once an application form has been approved

## Uniform Requirements

Closed in shoes are essential at all times.

Lab coats will be provided when needed.

## Training and employment outcomes

The Certificate II in Animal Studies could lead to jobs in: Welfare organisations; Animal rescue centres; Pet retail shops; Pet boarding facilities; Pet grooming services

## Pathways

After completing this course, students may be eligible to continue on to study:

- Certificate III in Animal Technology.
- Certificate III in Companion Animal Services
- Certificate III in Captive Animals
- Certificate IV in Veterinary Nursing

## Location

Box Hill TAFE Wednesdays 1:00-8:00pm

## Costs

Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

The **materials cost** for this course is approximately **\$326**. The student pays all materials costs on enrolment in December.

# AUTOMOTIVE TECHNOLOGY STUDIES

This course offers an opportunity for students to participate in entry-level studies with a view to a career in automotive or automotive-related industries. The Certificate II in Automotive Technology Studies may lead to an apprenticeship and/or provide a progression to Certificate IV, Diploma or Advanced Diploma courses.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Automotive program, you will receive the 21560VIC Certificate II in Automotive Technology Studies. The nationally recognised qualification is issued by the Registered Training Organisation (RTO).

## What will I learn?

The VCE VET Unit 1-2 core units of competence include industry research and applying safe working practices. Elective units include using and maintaining measuring equipment, operating electrical testing equipment and communication.

The VCE VET Unit 3-4 sequence requires a specialist focus in either automotive mechanical, automotive electrical and electronics, vehicle body (panel beating, painting, trimming or body making), vehicle engine reconditioning and maintenance.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence.

**VCAL:** The VCE VET Automotive program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The Certificate II in Automotive Technology Studies provides students with a broad base of skills necessary to maintain and service a wide range of motor vehicles. This solid grounding in the principles of automotive maintenance and repair will give you a head start in gaining an automotive apprenticeship. Automotive apprenticeships are available in four industry specific strands. These are electrical, mechanical, mechanics and vehicle body. Each strand has individual occupational streams and their own specialist qualifications. For example, mechanical - diesel fitter, heavy vehicle road transport, or motorcycle. The automotive industry provides a diverse career path. A trained mechanic learns the skills of an electrician, plumber and gas fitter, welder, fitter and turner, electronics diagnostician, computer operator, and customer service representative.

## Locations

This course will be delivered over two years at

- Swinburne TAFE (Lilydale or Wantirna campus)
- Chisholm TAFE (Dandenong)
- Holmesglen

## Costs

- Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.
- There are **materials cost** for this course. The student pays all materials costs on enrolment in December.

# AVIATION

This VET program provides participants with the knowledge and skills to achieve competencies that will enhance their employment prospects in the aviation or aviation-related industries.

## What qualification will I receive?

Certificate II in Aviation (Flight Operations)

## What will I learn?

Over the two years of the program you will undertake the following modules (Units 1-4)

- Participate in basic workplace communication
- Follow OHS procedures
- Work effectively with others
- Complete workplace orientation/induction procedures
- Follow security procedures
- Manage basic situation awareness in aviation workplace
- Carry out basic workplace calculations
- Implement regulations and policies during aircraft
- Serve wine to aircraft passengers
- Conduct in-flight retailing
- Provide transport services to passengers with special needs
- Work in a socially diverse environment
- Apply quality procedures

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence.

**VCAL:** The VET Aviation program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

### Future Pathways

Certificate III in Aviation - Flight Operations

Certificate IV in Transport and Distribution - Aviation Flight Operations

Diploma of Aviation - Instrument Flight Operations

**Future Career Opportunities** - Transport Clerk; Airline Services Operator; Flight Attendant

### Locations

This course will be delivered over two years at Kangan Institute of TAFE at Richmond

### Costs

- Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.
- There are **materials cost** for this course. The student pays all materials costs on enrolment in December.

# BEAUTY

This **one year** program will be offered at Chisholm TAFE (Dandenong and Frankston campuses) and Headmasters in the city. The program will offer the student the opportunity to undertake units from the following four areas: Retail; Hair; Makeup; and Beauty. It can be undertaken as an introduction to the Hair and Beauty Industry, or as a second year program for students that have completed either the Certificate II in Hairdressing or the Certificate II in Makeup Services. This program offered pathways into Hairdressing, Make Up Services, Beauty, Nail Technology, Retail Services, or Community Pharmacy.

## Special Requirements

80% attendance is required for successful completion of the program.  
Entrance is via an occupational appraisal (\$65).

## Structured Workplace Learning (SWL)

Essential 50 hours industry to be organized in consultation with the training organisation.

## Training & Employment Outcomes

This course will give pathways into 6 areas:

WRH20106 Certificate II in Hairdressing	WRB20104 Certificate II in Nail Technology
WRB20204 Certificate II in Make Up Services	SIR10107 Certificate I in Retail Services
WRB30104 Certificate III in Beauty	SIR20107 Certificate II in Community Pharmacy

## Contribution to the VCE / VCAL

**VCE:** Secondary colleges will need to apply to the VCAA for recognition of the program as block credit towards a student's VCE program.

**VCAL:** Up to 448 hours of accredited training for the year of the program.

## Program Details      One Year

### RETAIL

SIRXCOM001A	Communicate in the workplace
SIRXIND001A	Work effectively in a retail environment
SIRXOHS001A	Apply safe working practices
SIRXCLM001A	Organise and maintain work areas

### HAIR

WRHWP201A	Assist Colleagues Providing Multiple Salon Services as a Team Member
WRHCS201A	Prepare Clients for Salon Services
WRHHD201A	Dry Hair to Shape
WRHHD202A	Apply Single, Two and Three Strand Braiding Techniques

### MAKE UP

WRBFS202B	Design and Apply Make Up
WRBFS203B	Design and Apply Make up for Photography

### BEAUTY

WRBBS201B	Provide Manicure and Pedicure Services
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## Location

Headmasters City	Wednesday, Thursday
Chisholm TAFE	Dandenong and Frankston campuses. Wednesday 8.30am - 4.30pm

## COSTS

Students will **contribute \$300** toward the costs involved when it is part of their VCE or VCAL program. Students will need to purchase a prescribed kit and uniform of approximately **\$700** as well as paying **\$65.00** for an occupational appraisal to be undertaken in October/November.

# **BUILDING & CONSTRUCTION (CARPENTRY)**

Carpenters are skilled craftsmen working with wood in the construction industry. There is significant manual labour involved. The work will be conducted mainly out of doors, especially during the early construction phase of the roof and wall frames of a building.

The VCE VET Building and Construction program provides students with the knowledge and skills that will enhance their employment prospects in the building and construction industry. The Certificate II in Building and Construction provides partial completion of the pre-apprenticeship program in three trade specific streams; bricklaying, carpentry and painting and decorating. This program provides a pathway into a building and construction apprenticeship.

## **What qualification will I receive?**

If you satisfactorily complete the VCE VET Building and Construction program, you will have partially completed the 21844VIC Certificate II in Building and Construction (Bricklaying, Carpentry, Painting and Decorating - Pre-Apprenticeship).

## **What will I learn?**

The VCE VET Unit 1-2 core units of competence include building and construction industry induction, first aid and safe handling of plant and power tools. Specialist stream units are introduced in bricklaying, carpentry or painting and decorating.

The VCE VET Unit 3-4 sequence incorporate core units such as quality principles for the building industry, calculations and workplace documents and plans. Elective units are taken from the selected specialist stream.

## **What credit will I receive towards my VCE or VCAL?**

**VCE:** You will be eligible for credit of up to four VCE VET units towards their VCE: two units at Unit 1-2 level and a Unit 3-4 sequence.

**VCAL:** The VCE VET Building and Construction program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## **What career and/or employment opportunities will I have?**

The VCE VET Building and Construction program provides partial completion of the 21844VIC Certificate II in Building and Construction (Bricklaying, Carpentry, Painting and Decoration - Pre-Apprenticeship). Additional training is required to complete the pre-apprenticeship. The training undertaken may lead to a career path within the Building and Construction industry.

Trade qualifications are available in *General Construction: Painting and Decorating, Bricklaying / Blocklaying or Carpentry - Framework/Formwork/Finishing.*

## **Location**

This course will be delivered over two years at

- Chisholm (Dandenong)
- Holmesglen (Chadstone)
- Box Hill
- St Joseph's College Ferntree Gully      Wednesday 1.00pm - 5.00pm
- Wantirna College      Wednesday 1.00pm - 5.00pm
- Swinburne TAFE

## **Costs**

Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

There are **materials costs** for this course. The student pays all materials costs on enrolment in December and will need to provide overalls and safety boots.

# **BUSINESS ADMINISTRATION**

This course provides entry-level training for students who may wish to enter a wide variety of careers in business administration. It aims to provide participants with the knowledge and skill development to enhance their employment prospects within a broad range of business settings.

## **Unit 1 & 2 Program content**

The first year focuses on students developing employability skills with five core units covering OH&S processes, workplace communication, working effectively with others, producing simple word processed documents and organising and completing daily work activities. Students will also undertake four electives.

## **Unit 3 & 4 Program content**

The second year includes maintaining daily financial and business records, organising workplace information, personal work priorities and development, designing and producing business documents and promoting innovation in a team environment.

## **Contribution to VCAL/VCE**

**VCAL:** This program contributes to the Industry Strand of VCAL.

**VCE:** Students will receive five units towards their VCE. Three units are at the 1 & 2 level and two units are at the 3 & 4 level.

**ATAR:** Study score is available for this program.

## **Pathways for Business**

- Certificate II in Business
- Certificate III in Business Administration
- Certificate IV in Business Administration
- Diploma of Business Administration

## **Possible future career opportunities**

- ,Administrative/Office Assistant
- ,Receptionist
- ,Secretary
- ,Information Officer
- Customer Service Officer
- ,Legal Secretary
- ,Personal Assistant

## **Location**

This course is offered at Rowville Secondary College and is timetabled as part of the VCE program.

## **Costs**

First Year (Year 10/11)	<b>\$100</b>
Second Year (Year 11/12)	<b>\$60</b>

# CHILDCARE

This program provides entry-level training for prospective applicants who may enter a wide variety of careers in the highly diverse area of Community Services. Further studies and careers are available in fields such as: Nursing, Disability Studies, Youth Work, Occupational Therapy, Psychology, Aged Care, Child Protection, and Children's Services.

The VCE VET Community Services program provides students with the knowledge and skills that will enhance their employment prospects in the Community Services or related industries. The Certificate II in Community Services Work provides a pathway into a Certificate III in Aged Care (CHC30102) or Certificate III in Children's Services (CHC30402) apprenticeship with a training credit towards the apprenticeship training plan.

## Contribution to VCAL/VCE

**VCAL:** This program contributes to the Industry and Work Related Strands at the Foundation, Intermediate or Senior levels.

**VCE:** On completion students will be eligible for five VCE VET units. Three of the units are at the Units 1 & 2 level and two units at the 3 & 4 level.

**ATAR:** Study score is available for this program, which can contribute directly to your ATAR - either as one of your best four studies ('the primary four') or as your fifth or sixth study.

## WORK PLACEMENT

Students will be required to undertake 160 hours of work placement (80 hours each year).

## What will I learn?

The VCE VET Unit 1-2 core units of competence include first aid, occupational health and safety and preparing for work in the Community Services Industry. Elective units include ensuring children's health and safety, identifying and addressing specific client needs and supporting community resources.

The VCE VET Unit 3-4 sequence provides a focus on Community Services or Children's Services and core units include working effectively with young people and operating under a case work framework.

## What career and/or employment opportunities will I have?

The Certificate II and Certificate III in Community Services can provide pathways for people thinking about or preparing for work or further study in community services, such as child care, leisure and health industry, aged care, home and community care, drug and alcohol work, people with disabilities, social housing or people with mental health issues. Children's Services can involve using organisational policies, procedures and individual children's profiles to plan activities and provide care to children, facilitate their leisure and play and enabling them to achieve their developmental outcomes.

## Locations

Fairhills High School Units 1 & 2 Wednesday  
Box Hill TAFE Units 3&4 Wednesday afternoon  
Chisholm TAFE Berwick Units 1-4

## Costs

Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

Students may be required to pay a **materials charge** directly to the TAFE Institute when they enrol in December.

The Certificate II in Shared Technology, provides an introduction to the world of computer networking and responds to the strong desire among students for networking exposure. Rowville Secondary College is offering a combined program that incorporates an industry level qualification in networking and Certificate III in Information Technology, which is part of the two year course in CISCO CCNA.

## Unit 1 & 2 Program content

The course covers an introduction to networking for homes and small business. It includes a study of network devices eg: Linksys Home Routers and media types, introduction to IP addressing, secure wireless connectivity and the use of packet traces for network prototyping. The College's course content is web-based with on-line testing. Modules covered will include basics of networking, cabling, addressing schemes, devices, routers and configuration of these using routing protocols and other commands.

## Unit 3 & 4 Program content

The second year program covers the role of an ISP to provide an integrated solution for a business or home. Introduction to network planning and the configuration of routers and switches. The functions of DHCP and NAT. The Rowville Secondary College - Units 3 & 4 level includes local area network switching, variable length subnet masks, wireless technologies and WAN technologies.

## Contribution to VCAL/VCE

**VCAL:** This program contributes to the Industry Strand of VCAL.

**VCE:** Students who complete half of either Exploration or Discovery from the CISCO Networking Academy program will be eligible for two units credit towards their VCE - one at the Unit 1 & 2 level and one at the Units 3 & 4 level. Students who fully complete either Exploration or Discovery from the CISCO Networking Academy program will be eligible for four units credit towards their VCE (ie. two at the Units 1 & 2 level and two at the Units 3 & 4 level).

**ATAR:** This subject does not have a study score and therefore cannot contribute towards the student's primary four. It can however, be counted as a 5th or 6th subject and contribute to the ATAR as a 10% increment, derived from the average of the primary four.

## Possible Pathways

- Certificate III in information Technology
- Certificate IV in information Technology
- Diploma of Information Technology
- Advanced Diploma of Computer Science
- Degree in Information Technology

## Possible future career opportunities

- ,Network Engineer
- ,Solution Architect
- ,Computer Engineer

## Location

This course is offered at Rowville Secondary College and is timetabled as part of the VCE program.

## COSTS

Students contribute **\$300** to Rowville Secondary College which covers auspice costs as well as materials and certification costs.

# ELECTROTECHNOLOGY STUDIES

## (PRE-VOCATIONAL)

Electricians are employed to install electrical components or to maintain, repair or replace existing electrical infrastructure or products. This course commonly known as an electrical pre-apprenticeship, aims to provide students with general knowledge and skills relating to the electrical industry. The Certificate II in Electro-technology may lead to an apprenticeship and/or provide a progression to Certificate III or IV.



### What qualification will I receive?

If you satisfactorily complete the VCE VET Electro-technology program, you will receive the 21887VIC Certificate II in Electro-technology (Pre-Vocational) and credit towards six units from the Certificate III in Electro-technology (electrician).

These nationally recognised qualifications are issued by the Registered Training Organisation.

### What will I learn?

#### Year 1

MEM12024A	Perform computations	30 hours
UEENEEE002B	Dismantle, assemble & fabricate electro-technology components	40 hours
UEENEEE003B	Solve problems in extra low voltage single path circuits	40 hours
UEENEEE037B	Document occupational hazards & risks in electro-technology	20 hours
UEENEEE042B	Produce routine products for carrying out electro-technology work activities	80 hours
UEENEEE005B	Fix & secure equipment	20 hours
UEENEEE004B	Solve problems in multipath DC circuits	40 hours
UEENEEE007B	Use drawings, diagrams, schedules & manuals	40 hours
	<b>Sub Total</b>	<b>310 hours</b>

### What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence. This course can provide a 10% increment towards the ATAR as a fifth or sixth subject.

**VCAL:** The Electro-technology program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

### What career and/or employment opportunities will I have?

The Certificate II in Electro-technology Studies provides you with the skills to undertake an electrical apprenticeship leading into a range of careers in the electrical and engineering industries.

### Location

This course will be delivered over two years at

- KIOSC @ Swinburne TAFE (Wantirna campuses) Wednesday 8.00am - 4.45pm

### Costs

Students will contribute \$300 to Rowville Secondary College when this program is part of a VCE or VCAL program. The materials cost for this course is \$309 per year. The student pays all materials costs to Swinburne TAFE on enrolment in December.

# ENGINEERING STUDIES (MECHATRONICS)

The VCE VET Engineering Studies program provides students with the knowledge and skills to enhance their employment prospects in engineering or the wider manufacturing industries such as welding and fabrication that are currently experiencing a skills shortage. The Certificate II in Engineering Studies provides a pathway into an engineering apprenticeship.



## What qualification will I receive?

If you satisfactorily complete the VCE VET Engineering Studies program, you will receive the 22019VIC Certificate II in Engineering Studies. These nationally recognised qualifications are issued by the Registered Training Organisation.

## What will I learn?

The VCE VET Unit 1-2 core units of competence include occupational health and safety, applying basic fabrication techniques and performing basic machining processes.

The VCE VET Unit 3-4 sequence incorporates core units such as producing basic engineering sketches and drawings and applying electro-technology principles in an engineering work environment. Elective units include performing basic welding and thermal cutting processes to fabricate engineering structures, creating engineering drawings using computer aided systems and placing, assembling and/or fabricating engineering components by programming and operating robots.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence. A Study Score is available for this program, which can contribute directly to your ATAR as one of your best four studies.

**VCAL:** The VCE VET Engineering Studies program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The Certificate II in Engineering Studies provides you with the skills to undertake a work-based engineering apprenticeship leading into a range of careers as an engineering tradesperson within the engineering and manufacturing industry. Occupations include roles for the conception, design, manufacture, assembly, installation, repair, replacement, packaging and sales of a wide range of products.

Engineering and engineering related industries can create many employment opportunities for students who begin their training at this level. Engineers create and apply scientific principles so that structures, machines, specialised equipment or manufacturing processes can be designed and developed for use in everyday life.

Future career opportunities include:

- Electrical Engineer
- Electrician
- Fitter and Turner
- Manufacturing Engineer
- Boiler Maker
- Metallurgical Engineer
- Toolmaker
- Mechanical Engineering
- Automotive Engineering

## Location

This course will be delivered over two years at

- KIOSC @ Swinburne TAFE (Wantirna campuses) Wednesday afternoon 1.45pm - 7.15pm

## Costs

Students will contribute \$300 to Rowville Secondary College when this program is part of a VCE or VCAL program. The materials cost for this course is \$150 per year. The student pays all materials costs to Swinburne TAFE on enrolment in December.

# EQUINE STUDIES

The VCE VET Equine Industry program provides students with the knowledge and skills that will enhance their employment prospects in the equine and equine related industries in the areas of breeding, competition, retail or event management.

## **What qualification will I receive?**

If you satisfactorily complete the VCE VET Equine Industry program, you will receive the 21908VIC Certificate II in Equine Industry. This nationally recognised qualification is issued by the Registered Training Organisation (RTO).

## **What will I learn?**

The VCE VET Units 1 and 2 core units of competence include working in an equine organisation, handling horses safely, basic emergency life support and daily care for horses. Elective units may include horse riding and driving, assisting in horse preparation for competition, fencing, retail office procedures, assisting in the conduct of an equine industry event, caring for mares and foals, providing advice on equine products and the selection and fitting of equine equipment, gear and clothing.

The VCE VET Unit 3 and 4 sequence incorporates core units including carry out horse observation, responding to equine injury and disease, equine anatomy and physiology and determining nutritional requirements for standard breeds or thoroughbreds.

## **What credit will I receive towards my VCE or VCAL?**

**VCE:** You will be eligible for credit of up to five VCE VET units towards their VCE: three units at Units 1 and 2 level and a Unit 3 and 4 sequence. If students wish to obtain a study score they must sit an external exam

**VCAL:** The VCE VET Equine Industry program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## **What career and/or employment opportunities will I have?**

The VCE VET Equine Industry program provides an overview of the horse industry. Training undertaken through this qualification can lead to jobs as animal attendants, stable or stud hands, coaches and horse breeders, and industry areas such as racing, veterinary nursing and retail. Career paths or further training within the equine industry include degrees in science, Veterinary science, agriculture, and equine nutrition.

## **Location**

Box Hill TAFE                      Elgar Campus, 465 Elgar Road, Box Hill 3128

Monday 4.00pm - 7.30pm or Wednesday (Box Hill Institute) 2:00 - 5:30pm or 4:00 - 7:30pm

## **COSTS**

Students contribute **\$300** to Rowville Secondary College

Students will pay materials costs of approximately **\$400** directly to Box Hill TAFE and this fee covers course notes, handouts, first aid certificate, excursion travel, two day camp, practical demonstrations and other course related material.

Students will need to purchase books and safety equipment such as boots, helmets and require current tetanus vaccination and ambulance subscription.

## **Special requirements**

All prospective students must attend an information session in December.

# FASHION

The VCE VET Applied Fashion Design and Technology program aims to provide students with an introductory overview of fashion design. Students are provided with the opportunity to acquire and develop skills in sewing, design processes, working with patterns and applying quality standards.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Applied Fashion Design and Technology program you will receive the LMT21707 Certificate II in Applied Fashion Design and Technology and a statement of attainment of selected units of competence from the LMT31407 Certificate III in Applied Fashion Design and Technology.

## What will I learn?

The VCE VET Units 1 and 2 core units of competence include occupational health and safety, quality standards, using a sewing machine, sewing components, modifying patterns, drawing and interpreting basic sketches.

The VCE VET Unit 3 and 4 sequence incorporates a core unit of competence - identify fibres and fabrics - and electives units such as fabric performance and handling, garment repairs and alterations, basic patternmaking principles, preparing design concept and marketing design concepts.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit for up to six VCE VET units toward your VCE: four units at Units 1 and 2 level and a Unit 3 and 4 sequence.

**VCAL:** The VCE VET Applied Fashion Design and Technology program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The VCE VET Applied Fashion Design and Technology program provides an introductory overview of fashion design which may lead to employment opportunities producing fashion products where a basic understanding of design skills is required. It is particularly suitable for those who are self-employed and involved in low volume production (eg for markets, repairs and alterations).

## Location

- Wantirna Secondary College
- Emmaus College
- Siena College

## Time

Wednesday afternoon

## Costs

Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program.

There are **materials costs** for this course. The student pays all materials costs on enrolment in December.

# HAIRDRESSING

The program of **one year** will offer the student the opportunity to undertake a Certificate II qualification while completing their VCE or VCAL studies. Students will receive the training of a first year apprentice, practical skills for styling, removal of chemicals and basin services, and undertake theory studies in client communication. The program articulates to Certificate III Hairdressing (apprenticeship). Possible job outcomes exist as an apprentice hairdresser, or a sales representative.

## Program content

This program includes preparing clients for salon service, maintaining equipment, performing head, neck and shoulder massage, drying hair to shape, braiding techniques, selling products and working effectively in retail.

## Contribution to VCAL/VCE

**VCAL:** This program contributes to the Industry Strand of VCAL.

**VCE:** VCE credits are available through block credit.

**ATAR:** There is no ATAR contribution.

## Pathways

- Certificate III Hairdressing
- Certificate IV in Hairdressing
- Advanced Diploma Hairdressing

## Possible future career opportunities

- Hairdresser
- Retail Sales
- Salon Manager

## Special Requirements

80% attendance is required for successful completion of the program.

Entrance is via an occupational appraisal (\$65 at Chisholm TAFE).

## Location

Headmasters City	Wednesday, Thursday
Wantirna College	Wednesdays 1.30pm to 4.30pm
Chisholm TAFE	Dandenong and Frankston campuses. Wednesday 8.30am - 4.30pm

## COSTS

Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program toward the costs involved. Students will need to purchase a prescribed kit and uniform of approximately **\$500**.

# HOSPITALITY (KITCHEN OPERATIONS)

There are many opportunities for employment in the hospitality industry – full-time and part-time, locally, and internationally. Hospitality industry jobs are located in hotels, restaurants, catering companies, resorts, clubs and any service position that involves tourists.

This course is an entry level qualification and provides a general overview of the hospitality industry and the potential career paths within it. The skills will be drawn from the food and beverage and commercial cookery functional areas. The skills learnt are certainly beneficial to students by developing valuable life skills which are transferable across many industries. The Certificate II in Hospitality may lead to a traineeship and/or pathway to Certificate IV or higher level training within the hospitality industry.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Hospitality program, you will receive the SIT20207 Certificate II in Hospitality and a statement of attainment for selected units of competence from the SIT20307 Certificate II in Hospitality (Kitchen Operations). These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

## What will I learn?

Certificate II in Hospitality (Kitchen Operations): VCE VET Units 1 and 2 core units of competence include health, safety and security procedures, workplace hygiene, working with colleagues and customers, basic methods of cookery, receiving and storing kitchen supplies, and presenting food. The VCE VET Unit 3 and 4 sequence incorporates core units including preparing, cooking and serving food for service, and specific preparation of appetisers and salads, stocks, sauces and soups, and desserts.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to five VCE VET units towards your VCE: up to three units at Units 1 and 2 level and two units at Unit 3 and 4. A Study Score is available for this program, which can contribute directly to your ATAR – either as one of your best four studies ('the primary four') or as your fifth or sixth study.

**VCAL:** The VCE VET Hospitality program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The VCE VET Hospitality may provide employment opportunities in a variety of roles including food and beverage attendant, catering assistant, kitchen hand, cook's assistant or short order cook.

## LOCATIONS

- Box Hill
- Holmesglen (Chadstone)
- Wantirna Secondary College
- Aquinas College
- Chisholm TAFE (Dandenong)

## COSTS

Students contribute \$300 to Rowville Secondary College when this program is part of a VCE or VCAL program.

Students will be required to purchase a uniform, knife kit and text books of approximately \$350.



# INTEGRATED TECHNOLOGIES

The VCE VET Integrated Technologies program aims to provide learners with the skills required by industries which broadly encompass electro-technology, telecommunications, information technology and security systems. This course will suit those who wish to continue into the **electrical** trades.



## **What qualification will I receive?**

22071VIC - Certificate II in Integrated Technologies

## **What will I learn?**

The centre piece of this course will be the assembly and testing of an electric go kart. If you want to have fun designing, building and driving go karts, or you just want to learn more about the whole electrical and electronics industry, then this is the perfect course. There will be online work to be completed outside of class time.

The following electives are selected in order for students to design and construct an electric go kart. VBP137 Assemble and connect an extra low voltage battery power source; VBP138 Maintain rechargeable battery systems; VBP131 Construct and configure a basic robotic system; VBP136 Operate a small power supply system and VBP129 Test and verify correct operation of a by-wire control system will be the elective units for the second year of this program (2013)

## **What credit will I receive towards my VCE or VCAL?**

**VCE** Students will be eligible for credit of two units towards their VCE at the Units 1 & 2 level and two units at Units 3 & 4 level. The scored assessment will contribute to the study score either as one of students best four studies or as fifth or sixth study.

**VCAL** The VCE VET Integrated Technologies program (either partial or full completion) contributes at the Foundation, Intermediate or Senior levels.

## **What career and/or employment opportunities will I have?**

Continue vocational training; gain work and further training through an apprenticeship, traineeship or cadetship.

Find employment in fields such as electronics, entertainment, wireless and security systems, technical support for computer and electronic equipment, energy generation, sustainability, computer-controlled applications, electronic equipment, computer network support or communications applications.

## **LOCATION**

The program will be delivered at KIOSC Trade Training Centre at Swinburne TAFE (Wantirna).

**Units 1 & 2:** Tuesday and Friday afternoons 1.45pm - 4.45pm.

**COSTS** -Students will **contribute \$300** to Rowville Secondary College when this program is part of a VCE or VCAL program. There will be additional **materials cost of \$150 per year** for this course to be paid when the student enrolls at KIOSC in December.

# LABORATORY SKILLS



The VCE VET Laboratory Skills program aims to provide students with the knowledge and skills necessary for those interested in pursuing a career as laboratory assistants or laboratory attendants in the food, chemical, manufacturing, construction materials, biological/environmental or pathology industry sectors.

Students will acquire the skills associated with the operation of a laboratory and associated technical tasks such as sampling and testing. This course provides a pathway to Swinburne Certificate and Diploma Courses.

## What qualification will I receive?

Students who satisfactorily complete the VCE VET Laboratory Skills program will receive the MSL30109 Certificate III in Laboratory Skills. This is a nationally recognised qualification.

## What will I learn?

Certificate III Lab Skills consists of a total of 13 units of competence. It is delivered over a 2 year period. Units 1 & 2 consist of 8 units of competence. These include communication and organisational skills, record and present data, sustainable work practices, work place laboratory safety and maintenance, sampling and basic laboratory tests.

Units 3 & 4 consist of 5 units of study. These are as follows: Contribute to quality objectives, perform aseptic techniques and prepare culture media, prepare working solutions, and perform microscopic examinations.

## What credit will I receive towards my VCE or VCAL?

**VCE** Students will be eligible for credit of up to five VCE VET units towards their VCE, three units at the Units 1 & 2 level and a Unit 3 & 4 sequence. Students complete the Scored Assessment which can contribute directly to the ATAR as one of students best four studies or as fifth or sixth study.

**VCAL** The VCE VET Laboratory Skills program (either partial or full completion) contributes at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The VCE VET Laboratory Skills program addresses the needs of the laboratory operations industry which covers sectors such as biological testing, biotechnology, chemical testing, construction material testing, environmental monitoring, food testing, mineral assay, pathology testing and scientific glassblowing.

Laboratory assistants are required to perform straight forward sampling and testing, to follow set procedures and apply well-developed technical skills and basic scientific knowledge. They generally form part of a team inside a laboratory but may also perform technical tasks in the field or within production plants.

## LOCATION

The program will be delivered at KIOSC Trade Training Centre at Swinburne TAFE (Wantirna).

Units 1&2: Tuesday and Friday afternoons 1.45pm - 4.45pm.

Units 3&4: Monday and Thursday afternoons 1.45pm - 4.45pm

**COSTS** -Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program. There will be additional **materials cost of \$45 per year** for this course to be paid when the student enrolls at KIOSC in December.

# LANDSCAPING

The VCE VET Horticulture program provides students with the knowledge and skills that will enhance their employment prospects in the horticulture or horticulture related industries. There are eight Certificate II qualifications available in the VCE VET Horticulture program.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Horticulture program, you will receive either the RTF20103 Certificate II in Horticulture, with a focus on one of the following: Aboriculture, Floriculture, Landscaping, Retail Nursery, Wholesale Nursery, Parks and Gardens or Turf. These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

## What will I learn?

Over the two years students are introduced to landscaping design and construction, have the opportunity to observe environment work practices, plant trees and shrubs, recognize plants, treat weeds, lay paving and construct walls.

The VCE VET Unit 1-2 core units of competence include occupational health and safety, observing environmental work practices, applying chemicals under supervision and units from the chosen sector.

The VCE VET Unit 3-4 sequence incorporates units from general horticultural procedures, activities or contexts or sector specific qualifications.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to five VCE VET units towards their VCE: three units at Unit 1-2 level and a Unit 3-4 sequence.

**VCAL:** The VCE VET Horticulture program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

**ATAR:** This subject does not have a study score and therefore cannot contribute towards the student's primary four. It can however, be counted as a 5th or 6th subject and contribute to the ATAR as a 10% increment, derived from the average of the primary four.

## What career and/or employment opportunities will I have?

The VCE VET Horticulture program provides pathways into a number of industry sectors that may include the following characteristics:

- maintenance and management of trees in private and public gardens
- growing and harvesting of commercial flowers, flower seed and foliage
- construction and maintenance of domestic and commercial landscapes, design of gardens and commercial landscapes, rehabilitation and maintenance of urban bushland.
- propagation, production and maintenance of plants for sale and/or hire
- management and maintenance of public and private parks, reserves, gardens, natural bushland and community recreation areas
- establishment and maintenance of commercial and recreational turf, design and preparation of sports turf playing surfaces, commercial growing and supply of turf.

## Location

Fairhills High School      Units 1 to 4 Wednesdays 9.30am to 2.30pm  
Holmesglen TAFE

## Costs

Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program. There are **materials cost** for this course. The student pays all materials costs on enrolment in December.

## WORK PLACEMENT

200 hours over two years.

# MULTIMEDIA

The VCE VET Interactive Digital Media program provides students with the knowledge and skills that will enhance their employment prospects within the media industry working with Audio, Video, Photography, Complex Graphics, Web design, Motion Graphics and 2D Animation.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Interactive Digital Media program, you will receive the CUF20107 Certificate II in Creative Industries (Media) and/or CUF30107 Certificate III in Media. These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

## What will I learn?

Certificate III in Media Units 1 and 2 core units include participating in occupational health and safety processes, producing and preparing photo images, working effectively in the screen and media industries. Electives may include creating 3D digital models, preparing audio assets, following a design process and producing drawings to represent and communicate the concept. The VCE VET Unit 3 and 4 sequence incorporates core units in preparing video assets, exploring and applying the creative design process to 2D forms, creating visual design component and authoring interactive sequences.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET Units toward your VCE: two units at Units 1 and 2 level and a Unit 3 and 4 sequence. A Study Score can contribute directly to your ATAR - either as one of your best four studies ('the primary four') or as your fifth or sixth study.

**VCAL:** The VCE VET Interactive Digital Media program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The Certificate II in Creative Industries (Media) and Certificate III in Media can provide pathways into job roles such as community radio or television production assistant, editing assistant and interactive media author assistant, graphic designer, photographer, screen printer, multimedia developer, Games Developer and Webpage Designer

## Possible Pathways

The general skills acquired by this course have applications across a range of traditional industry sectors, including graphic design, advertising, publishing, computing, pre-press film/video/TV production, information design, visual and performing arts. More specifically this Certificate leads on to the Advanced Diploma of Interactive Media. In addition, a range of higher education courses have been developed.

## Location

Box Hill TAFE	Wednesday 8.30am - 12.30pm (Units 1&2) 1.00pm - 5.00pm (Units 3&4)
Boronia Heights College,	Units 1 & 2 Wednesdays 1.00pm to 5.00pm
	Units 3 & 4 Wednesdays 8.00am to 12.00pm
Upwey High School	Units 3 & 4 Wednesdays 1.30pm to 5.30pm

## Costs

Students will contribute **\$300** to Rowville Secondary College and may need to pay materials costs of approximately **\$250** directly to the TAFE on enrolment.

# MUSIC

The VCE VET Music Industry program provides students with the knowledge and skills that will enhance their employment prospects within the music industry. Certificate II in Music provides broad based knowledge and skills required for entry into the music industry. The Certificate III qualifications offer specialist training in either performance/composition or technology.

## **What qualification will I receive?**

If you satisfactorily complete the VCE VET Music Industry program, you will receive the CUS20101 Certificate II in Music, CUS30101 Certificate III in Music and/or the CUS30201 Certificate III in Technical Production. These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

## **What will I learn?**

The VCE VET Units 1 and 2 core units of competence include developing and updating music industry knowledge and following health, safety and security procedures. Elective units include laying sound tracks, installing, aligning and testing sound equipment and planning a career in music.

The VCE VET Music Performance Units 3 and 4 sequence incorporates units such as preparing self for performance and extending technical skills in performance.

The VCE VET Music Industry Technical Production Units 3 and 4 sequence incorporates units such as operating a sound mixing console and editing sound using digital systems.

## **What credit will I receive towards my VCE or VCAL?**

**VCE** Students may study programs individually or in combination with other VCE VET Music programs. The maximum credit available to students who complete all three Music programs is eight VCE VET units: four units at Units 1 and 2, and two Units 3 and 4 sequences.

**ATAR:** Study score is available for this program.

**VCAL** The VCE VET Music Industry program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

## **What career and/or employment opportunities will I have?**

The Certificate III in Music incorporates industry elements such as performance, critical listening, music management and music promotions. The Certificate III in Technical Production incorporates industry elements such as sound track laying, digital editing and mixing, audio visual equipment operations, public address systems and stage management and can be applied to workplaces such as stage productions, radio and medium to large recording studios, among others. Possible future career opportunities include Musician, Music Technician, Singer, Songwriter, Stage Producer, Sound and Lighting Technician, Director, Stage Manager, Digital Audio Technician, Sound Engineer, Broadcaster, Music Editor, Jingle Writer, Music Teacher and Disc Jockey

## **Location**

This course is conducted by Rowville Secondary College and is incorporated into the VCE timetable.

## **Costs**

Students pay **\$100** for Units 1& 2 and **\$60** for each Unit 3&4 subject.

## **ADDITIONAL INFORMATION/REQUIREMENTS**

All students enrolling in this course will need to indicate the ownership of a musical instrument and evidence they access private music tutorials on a weekly basis (eg letter from their teacher). Students who do not meet the above criteria may not be considered for entry in the program.

# PLUMBING (pre-app)

Plumbing is an extremely diverse industry, involving the installation of hot and cold water systems, above and below ground drainage as well as roofing and rainwater goods. Plumbers are also required to install appliances and sanitary fixtures, as well as heating and cooling equipment, and maintain plumbing systems in domestic and commercial buildings. The plumbing industry is important to every economy due to the need for clean water, and the proper collection and removal of wastes and sustainability. This course offers the student an opportunity to participate in a broad based training program relating to the plumbing industry. The Certificate II in Plumbing may lead to an apprenticeship and/or provide a progression to Certificate III or IV.

## What qualifications will I receive?

Students who satisfactorily complete the two year program, will receive the 21642VIC Certificate II in Plumbing - Pre-apprenticeship

## What will I learn?

Units 1&2	Hours	Units 3&4	Hours
Workplace safety & environmental procedures	40	Technical drawing & plan development for plumbing	40
Building structures	8	Tubes & pipes in plumbing	40
Basic first aid	8	Cut & flash penetrations	16
Plumbing industry induction	64	Fixing applications for the plumbing industry	8
Levelling	8	Concrete technology	20
Calculations for the building industry	20	Career studies	16
Introduction to welding & cutting in the plumbing industry	32	Communications for the building industry	20
Sheetmetal practices	60	Hand and power tools in the plumbing industry	72
<b>Sub Total</b>	<b>240</b>	Plumbing fixtures, fittings & appliances	8
		Work safely in the construction industry	
		<b>Sub Total</b>	<b>246</b>

## What credit will I receive towards my VCE or VCAL?

**VCE** Students will receive credit of 2 units at Units 1-2 level and 2 units at Unit 3-4 sequence

**VCAL** The full program will contribute four units of the Industry Strand at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

On completion of Certificate II, partial credits of up to 240 hrs may be credited against Certificate III units (plumbing apprenticeship) in the training package qualification; as well as completion of Construction Industry card (CI card).

## Location

Swinburne TAFE (Croydon campus)    Units 1 - 4    Wednesday 8am - 4.45pm

## COSTS

Students will contribute **\$300** to Rowville Secondary College and may need to pay materials costs of approximately **\$250** directly to the TAFE on enrolment.

Students will need to purchase overalls and safety boots.

Students will need to pay for the cost of a Construction Induction Program that all students complete.

# PRINTING & GRAPHIC ARTS



This program of study focuses on introducing learners to the printing and graphic arts industry using current industry practices. Students will develop core generic workplace skills, along with an understanding of a range of areas relevant to the printing industry. Areas covered include, multimedia, layout and design, digital imaging, printing, and print finishing. The program enables students to explore the various sectors within the industry and prepares them for entry into more advanced programs, such as graphic art or design.

## What qualification will I receive?

Students who satisfactorily complete the VCE VET Printing & Graphic Arts program, will receive the ICP20105 Certificate II in Printing and Graphic Arts (General).

## What will I learn?

The VCE VET Units 1 & 2 covers basic skills set of a graphic artist and includes, image scanning and manipulation, type layout and principles of graphic design

The VCE VET Unit 3-4 sequence incorporates the core units of scanning a line image and producing interactive PDF files. The stream includes producing a basic lithographic printed product and setting up machine for basic single or continuous folding.

## What credit will I receive towards my VCE or VCAL?

### VCE

Students will be eligible for credit of up to six VCE VET units towards their VCE: up to four units at Unit 1-2 level and a Unit 3-4 sequence which is the equivalent of two units. When the Unit 3-4 sequence is satisfactorily completed, an ATAR increment will be awarded. This increment is calculated as 10 per cent of the average scaled scores of a student's primary four VCE studies.

### VCAL

The VCE VET Printing & Graphic Arts program (either partial or full completion) contributes at the Foundation, Intermediate or Senior levels.

## What career and/or employment opportunities will I have?

The VCE VET Printing & Graphic Arts program will equip students with the skills to meet the current growth in industry demand for professionals in Print/Pre-press. Students will gain an understanding of the design/print process which can lead to careers involving illustration, sign writing, graphic design, print, pre-press, packaging, image manipulation, digital illustration, logo and corporate identity, brochure design, publications, press advertisements, labels, point of sale and poster displays.

Students will have the opportunity to prepare a folio of work, which can assist in their application for higher levels of study in courses related to desktop publishing or the printing industry. Successful students may also use their folio to apply for entry level employment opportunities within the printing and graphic arts industries, working in such areas as desktop publishing and image manipulation.

## LOCATION

The program will be delivered at KIOSC Trade Training Centre at Swinburne TAFE (Wantirna Campus) on Monday and Thursday afternoons as part of the regular VCE timetable.

**Units 1&2** Monday and Thursday 1.45 - 4.45pm

**Units 3&4** Tuesday and Friday 1.45 - 4.45pm

**COSTS** -Students will contribute **\$300** to Rowville Secondary College when this program is part of a VCE or VCAL program. There will be additional **materials cost of \$150 per year** for this course to be paid when the student enrolls at KIOSC in December.

# RENEWABLE ENERGY

The global sustainable energy industry has grown faster than most other industries and this has led to a shortage of skilled workers with training in sustainable energy production and use, which has opened up a new range of exciting career options. This course can lead to an electrical apprenticeship or to progression to Certificate III and IV and ultimately to the Advanced Diploma at Swinburne TAFE with guaranteed entry.



## What qualification will I receive?

Students who satisfactorily complete the two year program, will receive the UEE21510 Certificate II in Renewable Energy. Students will also receive credit towards the electrical apprenticeship

## What will I learn?

### Units 1&2

UEENEEE002B	Dismantle, assemble & fabricate electrotechnology components	40 hours
UEENEEE003B	Solve problems in extra low voltage single path circuits	40 hours
UEENEEE005B	Fix & secure equipment	20 hours
UEENEEE037B	Document occupational hazards & risks in electrotechnology	10 hours
UEENEEE007B	Use drawings, diagrams, schedules & manuals	40 hours
UEENEEK042A	Participate in environmentally sustainable work practices	20 hours
UEENEEK08B	Lay wiring/cablings & terminate accessories for extra-low voltage circuits	40 hours
UEENEEE004B	Solve problems in multiple path DC circuits	30 hours
UEENEEE001B	Apply OH&S practices in the workplace	20 hours
	<b>Total</b>	<b>260 hours</b>

## What credit will I receive towards my VCE or VCAL?

### VCE

Students will be eligible for credit of up to four VCE VET units at Unit 1-2 level.

### VCAL

The Certificate II in Renewable Energy program (either partial or full completion) contributes two credits at the Foundation, Intermediate or Senior levels to the Industry strand.

## What career and/or employment opportunities will I have?

The Certificate II in Renewable Energy provides a progression to Certificate III and IV and ultimately the Advanced Diploma.

## LOCATION

The program will be delivered at KIOSC at Swinburne TAFE (Wantirna Campus) all day Thursday 8am - 4.45pm.

**COSTS** -Students will contribute \$300 to Rowville Secondary College when this program is part of a VCE or VCAL program. There will be additional materials cost of \$260 per year for this course to be paid when the student enrolls at KIOSC in December.

# SPORT & RECREATION

The VCE VET Sport and Recreation program provides students the opportunity to acquire and develop the skills, knowledge and confidence to work in the areas of community and outdoor recreation. Leadership, organisational and specialist activity skills will be developed through theory and practical sessions.

## What qualification will I receive?

If you satisfactorily complete the VCE VET Sport and Recreation program, you will receive the SRC20206 Certificate II in Community Recreation as well as a statement of attainment of selected units of competence from Certificate III Sport and Recreation qualifications.

These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

## What will I learn?

The VCE VET Unit 1-2 core units of competence include first aid, occupational health and safety policies and procedures and knowledge of the sport and recreation industry. Elective units can focus on career orientated activities, coaching specialisations and/or officiating specialisations in areas such as AFL, golf, netball and soccer

The VCE VET Unit 3-4 sequence core units of competence include sport and recreation law, risk analysis activities and conducting a sport and recreation session for participants. Optional focus areas are available in aquatics, fitness, outdoor recreation or sport.

## What credit will I receive towards my VCE or VCAL?

**VCE:** You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence. A Study Score is available for this program which can contribute directly to your **ATAR** - either as one of your best four studies ('the primary four') or as your fifth or sixth study.

**VCAL:** The VCE VET Sport and Recreation program (either full or partial completion) may contribute at the Foundation, Intermediate or Senior levels.

## WORK PLACEMENT

Students will be required to undertake a 40 hour placement in the first year.

## What career and/or employment opportunities will I have?

The Certificate II in Community Recreation can provide pathways into the community recreation industry. Occupations include assisting with the conduct of recreation activities, events and promotions, facility maintenance, operations and other associated tasks. Facilities include leisure centres, aquatic centres, amusement parks, adventure and theme parks.

This course could lead to further study in the following courses:

- Certificate III and IV in Community Recreation
- Certificate III and IV in Sport (Officiating, Coaching, Trainer)
- Diploma of Community Recreation or Sport and Recreation or Sport Coaching
- University - Human Movement, Sports Administration, Fitness Leadership, Outdoor Recreation, Physical Education - Teaching

## Location

This program is conducted at Rowville Secondary College and is timetabled as part of the VCE program.

## COSTS

Students **contribute \$200** to Rowville Secondary College towards the materials, travel and certification of this course