

# WODONGA SENIOR SECONDARY COLLEGE

*Every Student, Every Opportunity, Success for All*



## Subject Information Guide 2018



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# WELCOME

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## WHY WODONGA SENIOR SECONDARY COLLEGE?

Wodonga Senior Secondary College is one of Victoria's largest senior College's known for its extensive curriculum choice, cutting edge approach to education and varied learning experiences.

### *Big School Opportunities, Small School Care*

With our broad range of academic and vocational selections, opportunity and choice are a promise of a WSSC education. However, we also provide small-school care so every student feels valued and supported. We offer smaller learning communities over the different year levels, tailoring programs to meet the unique needs of individual students, further supported by our careers and wellbeing programs.

## A MESSAGE FROM THE PRINCIPAL

Welcome to Wodonga Senior Secondary College.

"Every Student, Every Opportunity, Success for All", is our vision for all students. Our aim is to provide the maximum opportunity for personal and academic growth in a supportive environment, one specially designed to develop high aspirations as students advance through their later secondary school years.

We offer the greatest choice for secondary education in Wodonga and the ability to enable all students to choose their individually suited Pathways for success.

Through our Pathways Program all students will be provided with personal counselling and careers information to assist in the transition from school to the years beyond, from tertiary education choices, apprenticeships and traineeships to job preparation. The options open to our students have no bounds!

Students have access to the widest range of VCE and VET specialist teachers and facilities in Wodonga, a more adult work environment, and the broadest mix of sport, music, drama and art extra-curricula activities ever offered in the Wodonga area.

Wodonga Senior Secondary College is committed to maximising the potential of every student. We look forward to working with each and every one of you.

Vern Hilditch  
Executive Principal

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## **PARENT PORTAL**

The College utilises a School Portal allowing parents and guardians to maintain a partnership with the classroom teachers and their child. The School Portal has many features and is constantly being developed to meet the needs of parents and guardians of students at the College. Current features of the School Portal include:

- Viewing and editing student attendance
- Viewing and printing student reports
- Payment and management of school fees
- Viewing and printing student timetables
- College newsletter
- Contact details for Teachers and Year Level Coordinators

## **SOCIAL MEDIA**

To stay up to date with College news, events and important dates, follow us on social media.

- Facebook: <http://www.facebook.com/WodongaSeniorSC>
- Twitter: <http://twitter.com/WodongaSeniorSC>
- YouTube: <http://www.youtube.com/WodongaSeniorSC>
- Instagram: <http://www.instagram.com/WodongaSeniorSC>

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## FEES

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### General Levy

The School Council has agreed that the general levy of \$250 in 2018 will **not** be payable due to special funding received by the College.

### Subject Fees

VET subjects, Food, Technology, Drama, Theatre Studies, Visual Arts, Sport and Outdoor Education require additional payments from parents on a user-pays basis. The **approximate** subject fee applicable to each subject is listed in the handbook. This fee is based on the previous year which may be changed depending on the number of students enrolled in the subject.

### Textbooks

Textbooks can be purchased or hired through the College. Textbook hire fees (approximate) can be found in the course description for each subject.

### Excursions

Camps and excursions are additional to subject fees and must be paid in full prior to the event taking place.

### Camps, Sports Excursions Fund (CSEF)

Is available to those persons who are eligible; Conditions do apply. Speak to the College Office for further information.

### Payments

Fees can be paid in full or by instalments, the First Term fees being due the end of week two of Term One.

The office is open between 8.30am and 4.30pm weekdays; Payment methods: BPay, EFTPOS and phone payments.

### Financial Support

Any families having difficulties with payments are encouraged to contact the Business Manager to discuss a payment plan and the options available. Payments can be made towards fees through Centrelink in fortnightly instalments. Centrepay Forms are made available from the College main office.

***NB: Subjects are run based on numbers of students selecting them. There is no guarantee that all subjects described in this Handbook, will run.***

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## CONTACTS

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Front Office	(02) 6043 7500
Executive Principal	Vern Hilditch
Business Manager	John McVean
Campus Principal Teaching & Learning	Cassandra Walters
Assistant Principal Pathways & Transitions	David Whitehead
Assistant Principal Student Engagement & Wellbeing	Matt Moylan
Year 10 Transition Coordinator	Tim Bridgeman
Careers	Jim Moylan
Wellbeing	Leesa Lynch
Inclusion (Special Needs)	Michelle Heintze
ICT & Laptops	Tim Bennetts
Arts	Lana Salter
English, Humanities, Languages	Sarah Clarke
Health & P.E.	Martin Smith
Maths, Science	Michael Rosenbrock
Music	Geoff Haymes
Technology	Steve Garro
Vocational Education	Merrill Farmer

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# GRADUATE PROGRAM

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Wodonga Senior Secondary College and the school community have a vision for all their graduates - academically and holistically. The Graduate Program is a core subject that has been designed to support students to understand and develop skills that will allow them to become highly successful, employable and positive contributors to their communities. The following attributes underpin this program:

- Display confidence and be capable and self-motivated
- Demonstrate intellectual tenacity and persistence in problem solving
- Exhibit skilled analytic, critical, aesthetic and creative thinking as the situation demands
- Set high expectations and act to meet these expectations
- Respect self and others
- Act with empathy and tolerance
- Be comfortable living in a world of diverse people, cultures, and beliefs
- Make meaningful contributions to society – the local and global community
- Respond positively and appropriately to change and challenges
- Flourish in a digital world and be a skilled user of evolving technologies
- Awareness of the post school opportunities available and successfully access them

To support students to develop these attributes they will engage in 'Impact Projects' throughout the school year. Impact Projects are focussed on community service and are strongly linked to student interests and personal improvement needs.

The program supports the growth and developments of students in areas such as digital responsibilities, ethical, Intercultural and personal and social capabilities as well as critical and creative thinking. The program enables students to transfer learned skills into everyday life.

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# AVID

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AVID is a research-based program designed to prepare students for improved academic achievement; expanding individual options for tertiary pathways.

At Wodonga Senior Secondary College, 'AVID Senior' begins with a course that blends learning strategies where students learn organisational and study skills, work on critical thinking and asking probing questions, get academic help from peers and University tutors, and participate in enrichment and motivational activities that make University attainable. 'AVID Senior' is based on best teaching practices in writing, inquiry, collaboration, organization, and reading, and it is supported by Victorian curriculum standards.

Each week, students receive instruction utilising a rigorous curriculum of 'AVID Senior' strategies, tutor-facilitated study groups, motivational activities and academic success skills.

To support academic growth, 'AVID Senior' students participate in activities that incorporate strategies focused on

- writing
- inquiry
- collaboration
- organisation
- reading

## **Year 10**

Students will refine the AVID strategies to meet their individual needs and learning styles. Students will expand their writing portfolio to include: analysing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyse various documents, in order to participate in collaborative discussions and develop leadership skills in those settings.

Students will continue to refine and adjust their learning plans and goals, increasing awareness of their actions and behaviours. Students will increase their school and community involvement by completing a community project and work experience, enabling them to refine their time management and organisation skills and study skills accordingly.

## **Year 11**

The Year 11 'AVID senior' course will continue on from the Year 10 course. With a Focus on writing and critical thinking. In addition to the academic focus there are University Visits, guest speakers and career development opportunities.

## **Year 12**

In addition to the Year 11 course students will complete a final research essay project from research around a student's own inquiry questions based on what they have learned over their time in the AVID programme. The project is to be on a topic that will help year levels below them. Subjects may include, confidence, respect, image, study habits, organisation etc.

In addition to the academic focus and pathway development, students will mentor the Year 10 group. They will plan activities and offer advice on problems experienced in the junior years, documenting what they have learned about leadership, planning and organisation.

All 'AVID Seniors' are required to develop and present a portfolio representing their years of work in the AVID program.

Note: once the programme has started, students will be locked into the program for one year.

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# CURRICULUM STRUCTURE

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In order to address student needs, the College provides an innovative curriculum structure. Year 10 students will complete their

- Year 10 program in 6 months (reduced time with greater focus on essential skills); and a
- VCE or VCAL program over 2½ years (an extra 6 months to ensure greater opportunity of success)

## Curriculum Structure

Year 9	Year 10		Year 11		Year 12	
December	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Orientation at WSSC	Core Yr.10 & Yr.10 Electives	Unit 1	Unit 2	Unit 3	Unit 3 & 4	Unit 4

Our College motto is **“Every Student, Every Opportunity, Success for All”**. Our curriculum structure will allow us to address the needs of all students to ensure they have the opportunity to achieve their best outcomes.

- **Every Student** – all students get a more balanced three year workload
- **Every Opportunity** – teachers have more time to support students to meet outcomes
- **Success for All** – improved results and completion rates

## Benefits

Some of the benefits of this new model are:

- Improved academic results
- More time to practise assessments and exams
- More time to complete outcomes/competencies (improving student completion rates)
- Reduced stress for Year 12
- More time to build skills and knowledge
- Increased engagement (particularly Year 10)
- More time to provide students with practical tasks and work placement opportunities
- Increased opportunities for apprenticeships/jobs as they could be ready mid-year (or have an extra 6 months support as needed)
- VET Childrens Services and Allied Health certificates will have more time to complete full certificate – not previously available
- More flexibility for VCAL

## Year 9 Course Selection

Students in Year 9 will have a simplified selection process as they will only be choosing a program for their first 6 months at Wodonga Senior Secondary College. Once they begin their Year 10 program at the Senior College, our staff will work closely with each student to ensure they select a program that will achieve their desired pathways beyond school.

# YEAR 10 CURRICULUM STRUCTURE

## YEAR 10 SEMESTER 1 PROGRAM

Core Studies					Elective Studies	
English	Humanities	Maths	Science	Graduate Program	Elective	Elective
<i>Choose 1</i> • English • *Advanced English	<i>Choose 1</i> • Humanities • *Advanced Humanities	<i>Choose 1</i> • Maths • *Advanced Maths	<i>Choose 1</i> • Science • *Advanced Science	All students involved in our Graduate Program	Choose from Yr.10 Elective List	Choose from Yr.10 Elective List

*\*AAP students have automatic entry into Yr.10 Advanced Core Subjects. New enrolment decisions will be based upon academic entry requirements*

## YEAR 10 ELECTIVE LIST

(Please Note: **NOT** all electives will run, it is dependent on numbers of students selecting them)

### ARTS

#### **Performing Arts**

- Dance
- Drama
- Music

#### **Visual Arts**

- 2D Art and Design
- 3D Art and Design
- Black & White Photography
- Digital Photography

### HEALTH & PHYSICAL EDUCATION

- Health Education
- Outdoor Education
- Physical Education
- Sport & Recreation

### LANGUAGES & AVID

Students selecting a language or AVID in Year 10 can drop Year 10 Science **or** Year 10 Humanities **or** 2nd Elective

- Chinese (1st & 2nd Language)
- Indonesian (2nd Language)
- Japanese (2nd Language)
- AVID

### TECHNOLOGY

#### **Food Technology**

- Food Studies
- Hospitality

#### **Information Technology**

- Cloud, Security & Raspberry Pi
- Games Programming & App Development
- Multimedia

#### **Materials Technology**

- Engineering Studies
- Timber Studies
- Fibre & Fashion Studies

#### **Systems Technology**

- Automotive Studies
- Electronics: Build an iPod Dock
- Robotics

#### **General Technology**

- Salon Services
- Working in the Community Sector

## YEAR 10 SEMESTER 2 PROGRAM

All students will move into a 2 ½ year VCE or VCAL program for Semester 2. An extensive course selection program will be run with students during their first Term at the College to ensure they make the right subject choices for their future pathways.

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# 10 ENGLISH

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## YEAR 10 CORE ENGLISH

Textbook Hire: Part of Year 10 Book Hire  
Workbook: \$35 approx.

Students begin English study at the Senior College with a focus on language skills and comprehension. They will learn and apply a wide range of oral communication skills in the context or a range of text.

- Students will undertake a detailed study of a film and a novel. They will learn to analyse authorial choices, and will respond creatively and analytically to these texts in written, spoken and/or multimodal forms
- Students will explore how the English language has changed over time, and how it is used to present arguments

Students will be exposed to the key skills necessary to undertake the various English pathways available at the Senior College, including VCAL Literacy, VCE English, VCE Literature and VCE English Language.

## YEAR 10 ADVANCED ENGLISH

Textbook Hire: Part of Year 10 Book Hire  
Workbook: \$35 approx.

This program is designed for students with a strong aptitude in English. It is an alternative program replacing Core Year 10 English with Advancement Studies. Advanced English is a program designed to challenge students with strong English skills. Texts chosen for students continue to enable them to analyse authorial choices of other authors and to provide a platform for them to explore their voice as an author of their own text.

**Note:** AAP students have automatic entry into Year 10 Advanced Core studies. New enrolments will be based upon academic entry requirements. Students can select **one or more** Advanced Core study.

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# 10 HUMANITIES

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## YEAR 10 CORE HUMANITIES

Textbook Hire: Part of Year 10 Book Hire

Humanities explore the study of human societies and environments, people and their cultures in the past and the present. Civics and citizenship, economics, geography and history are studied, as described in the Victorian Curriculum.

Humanities provides a framework for developing in students the key ideas and concepts that enable them to understand the way in which people and societies have organised and made meaning of their world. Critical thinking skills are developed through the analysis of visual and written representations, films and documentaries. The use of ICT, along with innovative and engaging lessons, aimed at catering for all learning styles, form the basis of the Humanities classroom.

- Students engage with critical thinking skills
- Students develop an action plan related to a sustainability topic in order to explore different forms of power and influence

## YEAR 10 ADVANCED HUMANITIES

Textbook Hire: Part of Year 10 Book Hire

This program is designed for students with a strong aptitude in Humanities. It is an alternative program replacing Core Year 10 Humanities with Advancement Studies. Advanced Humanities includes the study of History, Geography and Economics and equips students with the ability to analyse and make meaning of current and past events in the world and the many factors that influence decisions made by society.

**Note:** AAP students have automatic entry into Year 10 Advanced Core studies. New enrolments will be based upon academic entry requirements. Students can select **one or more** Advanced Core study.

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# 10 MATHS

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## YEAR 10 CORE MATHEMATICS

Textbook Hire: Part of Year 10 Book Hire

At Year 10 students will complete Core Mathematics. Students will be challenged at an appropriate level to further develop their skills within the proficiency strands of Understanding, Fluency, Problem Solving and Reasoning. Core Mathematics focuses on working mathematically to explore Number and Algebra, Measurement & Geometry, and Statistics & Probability.

## YEAR 10 ADVANCED MATHEMATICS

Textbook Hire: Part of Year 10 Book Hire

Excursions: \$ 75 approx.

Competitions: \$ 15 approx.

This course is designed for students with an interest in pursuing Mathematics at higher levels. It is a six-month advancement program replacing Core Year 10 Mathematics. The course provides students with opportunities to extend their mathematical thinking through rigorous exploration of key mathematical concepts, challenging application tasks and the use of technology. This subject provides a strong foundation and broader perspective for future mathematical studies and career pathways.

**Note:** AAP students have automatic entry into Year 10 Advanced Core studies. New enrolments will be based upon academic entry requirements.

Students can select **one or more** Advanced Core study.

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# 10 SCIENCE

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## YEAR 10 CORE SCIENCE

Textbook Hire: Part of Year 10 Book Hire

### Course Description

Students study science concepts that will prepare them for VCE studies, as well as applications which raise awareness of science as a springboard to careers and as an important part of everyday life. Through a combination of theory, research and hands-on investigation students explore: genetics and DNA; evolution; the structure of the atom; elements and their properties; chemical reactions; sustainability and earth systems; forces and motion; and the universe. Students will develop their scientific inquiry skills through a range of practical and research based investigations into real world applications related to the fields of science, technology, engineering and mathematics (STEM).

## YEAR 10 ADVANCED SCIENCE

Textbook Hire: Part of Year 10 Book Hire

Excursions: \$ 75 approx.

Competitions: \$ 20 approx.

This course is designed for students with an interest in pursuing science at higher levels. It is a six-month advancement program replacing Core Year 10 Science. The course provides students with opportunities to extend their scientific thinking through rigorous exploration of key scientific concepts, the use of technology and real world investigations related to the fields of science, technology, engineering and mathematics (STEM). This subject provides a strong foundation and broad perspective for future scientific studies and career pathways.

**Note:** AAP students have automatic entry into Year 10 Advanced Core studies. New enrolments will be based upon academic entry requirements.

Students can select **one or more** Advanced Core study.

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# 10 VISUAL ARTS

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**All Visual Arts studies require students to use a visual diary.**

## **2D ART AND DESIGN**

Subject Fee: \$ 30 approx.

Students produce a practical folio of work, experimenting with a variety of media and production methods including pastel, pencil, ink, collage and print making.

- Developing skills of drawing and mixed media are emphasised
- Some aspects of art appreciation, relevant to practical work, will be covered with an emphasis of how to analyse an artwork
- Research of selected artworks, artists and cultures will also be studied

## **3D ART AND DESIGN**

Subject Fee: \$ 30 approx.

Students explore a theme through the developmental process.

- Developing skills and techniques of sculptural and 3D art. Students will build on their experiments to complete final works
- Students will work in the 3D Medium, using a variety of mediums including plaster, wire, clay, mosaic, wood and paper mache
- A variety of 3D artists from varied periods of Art will be studied
- Students will learn how to analyse an artwork
- Students are encouraged to complete both units if interested in continuing to VCE Art/Studio Arts

## **BLACK AND WHITE PHOTOGRAPHY**

Subject Fee: \$ 30 approx.

This unit gives students the opportunity to develop or improve skills and techniques in using an SLR camera, lighting skills, composition techniques and darkroom management in black and white processing.

- Students manipulate photographic images using techniques such as sepia toning; double exposure, solarising and hand colouring, as well as presenting the finished art works
- A visual diary records techniques and ideas relating to practical work

## **DIGITAL PHOTOGRAPHY**

Subject Fee: \$ 30 approx.

In this unit, students consolidate their camera techniques, lighting skills, composition techniques and develop their photographs by using computer programs such as Photoshop, in order to produce some creative photographs.

- A visual diary will be kept that records techniques and ideas which will relate to their practical work

## **VISUAL DESIGN & MEDIA**

This subject covers the basics of VCE Media and Visual Communication Design.

Students will investigate technical drawing skills for communication, industrial and environmental design e.g. Paraline and rendering techniques. Various industry equipment and digital software, such as the Adobe Creative Suite, will be utilised to produce their projects. The design and media industries are also investigated to understand their influences on society.

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# 10 PERFORMING ARTS

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## DANCE

Year 10 Dance offers students the opportunity to develop their understanding and appreciation of dance as an art form. The course is based on the investigation and communication of ideas, themes and concepts. There is a focus on the development of the students' technical and physical skills, personal movement vocabulary and application of choreographic and analytical principles.

- Students will focus on developing their movement vocabulary, understanding of the history of dance and appreciation of dance in other cultures

## DRAMA

Subject Fee: \$ 50 approx.  
Excursions: \$ 70 approx. (if going to Melbourne, less if local theatre)

Year 10 Drama introduces students to the basic principles of dramatic theory by exploring improvisation, role play and scripted pieces. Students develop their dramatic skills, use of voice, spatial awareness and appreciation of stagecraft.

- Students will make and present drama which explores a range of themes, issues and ideas using different styles and forms
- They will analyse and interpret the structure, content and aesthetic qualities of drama through performance and workshops. Students will perform for different audiences each semester

## MUSIC

Year 10 Music builds musical skills and develops practical experience in both group and individual performance.

- Students perform in a variety of styles, listen to a range of music, study musicianship, research and compose
- It is recommended that students learn a musical instrument through the WSSC Instrumental Music Program or from private tutors

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# 10 HEALTH & PHYSICAL EDUCATION

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## HEALTH EDUCATION

Students will have the opportunity to investigate concepts around general Health and Well-being, and Individual Human Development.

- Topics include interpersonal skill development, goal setting, decision making skills, drug/substance education, friendships, sexual relationships, body systems [digestive] and mental health
- Activities will assist with developing knowledge of components of self-worth, coping skills, and understanding of the human body from a number of perspectives

## OUTDOOR EDUCATION

Subject Fee: \$295 approx.

Activities include bushwalking, abseiling and caving, kayaking and mountain biking. Students will gain or add to their knowledge of these activities as well as safety and bush first aid; correct planning and preparation for adventure activities, bush skills, minimal impact camping and environmental awareness. Subject fee costs need to be paid for the student to remain in the subject.

## PHYSICAL EDUCATION

The aim of this unit is to develop knowledge and skills that relate to the improvement of performance in a range of sporting activities and fitness components.

- This elective supports the development of an understanding of the structure and function of body systems from a health and sporting performance perspective. This is achieved via both practical and theory lessons
- Classes are designed to encourage maximum participation in a range of activities

## SPORT & RECREATION

Subject Fee: \$ 25 approx.

Sport & Recreation is a Year 10 elective which aims to serve as a semester long introduction to competency based units which relate to working in the Sport and Recreation Industry. Whilst Pre VET is not a prerequisite for VET Sport and Recreation Certificate III, it will give students a good introduction into what the VET Sport and Recreation Certificate III will be like.

Topics of study for Pre VET Sport and Recreation may include:

- Implement sports injury prevention
- Knowledge and skills of coaching and officiating
- Safe participation in a range of sport, fitness and recreation environments

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# 10 LANGUAGES

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## LANGUAGES

The ability to communicate in a language other than English provides students with an opportunity that stretches beyond the classroom and is a skill for life.

The College offers three languages; Chinese-Mandarin, Indonesian and Japanese. Each language allows students to further advance their communication skills through a range of carefully selected themes, exploring the culture, traditions history and people who speak the language.

As part of Year 10, language students can opt to continue their language studies at VCE or as part of VET-Applied Languages

Students can undertake one of three languages at the College:

### CHINESE

Subject Fee: \$ 40 (Language Perfect Subscription)

### INDONESIAN

Subject Fee: \$ 40 (Language Perfect Subscription)

### JAPANESE

Subject Fee: \$ 40 (Language Perfect Subscription)

Textbook Hire: Part of Year 10 Book Hire

### Note:

- Language classes will run dependent on numbers of students selecting them
- A full range of language subjects are available in partnership with the Victorian School of Languages. These are supported by Wodonga Senior Secondary College

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# 10 TECHNOLOGY

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## FOOD TECHNOLOGY

### *Food Studies*

Subject Fee: \$100 approx.

This subject will offer students a wide range of activities to help build on a love of cooking and enjoy the fun of food preparation, as well as developing their food skills.

Topics include:

- Food safety
- Producing quick, tasty and nutritious meals on a budget
- Designing and producing own choice meals
- Investigating modern food trends
- Modifying dishes and improving food choices

This subject is intended for students who enjoy preparing and trying new foods and are interested in working in the food industry.

### *Hospitality*

Subject Fee: \$100 approx.

In this subject students will develop skills and knowledge of café style meals and beverages.

They will have experience in:

- Safe food handling
- Designing café meals
- Producing a range of food items such as pastas, wraps and focaccias, salads, burgers, cakes, desserts and a range of hot and cold drinks
- Setting café tables
- Serving customers during their own café events

## INFORMATION TECHNOLOGY

### *Cloud, Security and Raspberry Pi*

Subject Fee: \$ 80 approx.

Ever wanted to investigate what the Cloud actually is? The Cloud is a metaphor for the internet and also refers to Cloud Computing. How does the cloud work? What technology is used in the cloud? What software and hardware makes the cloud? What is virtualisation? Is there really an App for that? What is ethical hacking?

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# 10 TECHNOLOGY

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To answer these questions, you will:

- investigate and use computer operating systems, cloud software, network protocols, network software, network hardware and software Apps
- purchase and set up your own domain (www.myname.id.au) and website
- make both a web, media and game server from a Raspberry Pi
- learn to install and administer an Operating System using the software tools for this purpose

## **Games Programming and App Development**

Subject Fee: \$ 50 approx.

In this subject students will use visual and text programming tools to design and develop computer games. Students will investigate areas of the gaming industry including story development, animation, technology, testing, and possible career opportunities.

- Students will develop programming and problem solving skills that can be transferred into any programming career
- Students will analyse games reviewing the story line, character development, themes, environment and use of sound and music
- Students will investigate the role of physics, psychology and artificial intelligence in games design
- Students will have the opportunity to participate in games programming competitions

## **Multimedia (Web/Video/Image Editing)**

Subject Fee: \$ 30 approx.

This subject will develop skills in image editing, video, multimedia and website design. Students will work their way from basic html to using website creation. Students will develop their image editing skills and use a green screen to create their own short video.

- Use Photoshop to develop web designs and images
- Video recording and editing with Premiere Pro

## **MATERIALS TECHNOLOGY**

### **Engineering Studies**

Subject Fee: \$ 55 approx.

This unit looks at the practical application, principles and concepts of engineering workshop processes.

- This includes Safety in the workshop, Sheet metal fabrication, machining and drawing techniques
- Students will be expected to use a range of hand tools, power tools and engineering machining equipment
- A folio containing all notes and handout materials, as well as a record of all work done must be maintained for the duration of this course

This unit may lead students in to the study of VET Engineering or VCE Design and Technology

### **Timber Studies**

Subject Fee: \$ 40 approx.

This unit is a project based unit and is a recommended unit for those students who wish to undertake VET Furnishing, VET Building and Construction or VCE Design and Technology, focusing on Timber. Students will investigate design and produce an item of furniture such as a small cabinet or shelving unit.

- Students will need to prepare and cost a cutting list of materials and maintain a weekly record of their progress in a logbook
- Students will also be expected to complete a written or computer based research assignment that examines hardwoods and softwoods with emphasis on local species

### **Fibre & Fashion Studies**

Subject Fee: \$ 40 approx.

Are you creative? Do you want to develop sewing skills whilst applying your creativity? Are you interested in designing and producing your own fabric products? If so, this subject is for you.

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# 10 TECHNOLOGY

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In this subject you will:

- Develop skills in a range of techniques, for example, felting, fabric dyeing, embellishing, decorative finishes and quilting
- Use a variety of methods to investigate where our fibres come from and test their properties
- Design and produce your own sustainable fibre or fashion products
- Investigate modern fashion trends

This subject may lead to further study or employment in the clothing manufacturing, designing or fashion industry.

## **SYSTEMS TECHNOLOGY**

### ***Automotive Studies***

Subject Fee: \$ 20 approx.

This unit looks at the practical application of the principles and concepts of vehicle design, manufacture and construction.

- We look at Safety in the workshop, basic tuning and analysing engine and drive line performance
- Students will be expected to use a range of hand tools, power tools and analysing test equipment to test, operate and control automotive and auto-electrical systems

### ***Electronics – Build an iPod Dock***

Subject Fee: \$ 70 approx.

This is an Electronics unit which looks at the practical application of the principles and concepts associated with electronic design and construction.

- This includes Safety in the workshop, Construction and modification of electronic circuits, and operation and use of testing and diagnostic equipment
- Students are expected to use a range of hand tools, power tools and analysing test equipment to test, operate and control electronic and electrical systems
- Students will design and build a working iPod Dock which they will take home at the end of the unit

### ***Robotics***

Subject Fee: \$150 approx. (Students that pay this fee get to take home an arduino robot)

This subject will use visual and text programming tools to control robots. They will study the impact and use of robotics in our everyday lives and investigate related career pathways in areas such as manufacturing, automation and medicine.

- Students will develop programming and problem solving skills that can be transferred into any programming career
- Students will program a robot to perform real world tasks
- Students will investigate robotics in our current lives and the future possibilities
- Students will build and program their own Arduino Robot

## **GENERAL TECHNOLOGY**

### ***Salon Services***

Subject Fee: \$ 50 approx.

Students will be introduced to salon services in regard to both the hairdressing and beauty industries. Salon Services will give an insight for the requirement of the hair and beauty industries.

Hands on activities will include:

- Shampooing and drying hair
- Basic temporary colouring
- Basic facial procedures
- Manicure procedures/ nail painting

### ***Working in the Community Sector***

Subject Fee: \$ 20 approx.

Working in Community Services offers a diverse range of job opportunities that will enable you to make a difference in many people's lives. This subject will provide you with an insight into the roles and responsibilities in a range of industries such as Children's services, Allied Health, Community Services, Youth work and Aged care.

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# VCE and VCAL

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## VCE EXPLAINED

### Satisfactory Completion of VCE

The minimum requirement to qualify for the award of the VCE is satisfactory completion of at least 16 units of study, which must include:

- Three units from the English group, which must include a Unit 3 and 4 sequence
- At least three sequences of Unit 3 and 4 studies other than English, which include any number of English sequences once the English requirement has been met.

Satisfactory completion of each unit is based on achievement of learning outcomes defined in the official VCAA Study Design. These outcomes include both knowledge and skills.

### Study Scores

For each student the Victorian Curriculum and Assessment Authority calculates a Study Score for satisfactorily completed Unit 3/4 VCE and Scored Assessed VET studies. The Study Score is a score on a scale of 0 to 50 showing the students' achievement relative to that of all other students doing a particular study in Victoria – **less than 8% of students in Victoria will achieve a Study Score of 40 or above.**

## VCAL EXPLAINED

Work Placement Polo Shirts:       \$ 50 approx.

The Victorian Certificate of Applied Learning (VCAL) is an individual pathway for students who have a clear trade aspiration. Designed to provide students with practical experience, 'employability' skills and personal development opportunities, which help prepare them for further training in the workplace or at TAFE.

There are four compulsory STRANDS of study: Literacy and Numeracy; Industry Specific Skills [VET]; Work Related Skills; and Personal Development Skills.

Students will study VCAL at one of the following levels to obtain a VCAL Certificate;

### **Foundation, Intermediate or Senior levels**

This is dependent on individual levels of Literacy, Numeracy and Independency.

## WHY STUDY VCAL?

**"I am a hands on student who enjoys PRACTICAL aspects of Education"** Students can select from a wide range of Vocational Education and Training [VET] subjects offered at the college that their VCAL program is then based around.

**"I am keen to network and obtain real life experience in the work force"** Students choose a Structured Work Placement, School Based Apprenticeship or Work Skills Based Session. They must maintain a log-book that is to be signed by their employer and complete work place related outcomes. Students may also attend a 'TAFE Tasters' program or other short courses. (E.g Responsible Service of Alcohol, Food Handling Certificate, and/or First Aid).

**"I wish to expand my Literacy and Numeracy skills for my specific trade"** Within the individual program students have compulsory units in both Literacy and Numeracy designed to improve skills for their trade pathways, but provides an array of alternative units of study designed around individual interests.

**"I have a passion for being involved in a Community Setting to develop my Employability"** Students participate in community based and/or personally appropriate projects/activities to help develop teamwork skills, self-confidence and general employability.

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# VCE SUBJECT LIST

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***“I have a clear trade pathway”*** Students come into VCAL with an idea of what they would like to study or pursue as a trade career. For Example: Nurse Aged/Disability carer [Div 2], Child carer, Youth worker, Mechanic, Carpenter, Plumber, Electrician, Beautician, Hairdresser, Boiler maker, RetailAssistant, Animal carer or instructor, Brick Layer, Fitness Instructor, Cabinet maker, Engineer [construction] and more.

Wodonga Senior Secondary College boast the largest range of subjects on offer to students in the area. The following VCE studies are available for students to undertake:

**Accounting**  
**Art**  
**Biology**  
**Business Management**  
**Chemistry**  
**Computing**  
**Drama**  
**English**  
**English Language**  
**English Literature**  
**Environmental Science**  
**Extended Investigation**  
**Fibre & Fashion (Product Design & Technology)**  
**Food Studies**  
**Health and Human Development**  
**History: 20th Century**  
**History: Ancient**  
**History: Revolutions**  
**Languages: Chinese**  
**Languages: Indonesian**  
**Languages: Japanese**  
**Legal Studies**  
**Mathematics: Foundation**  
**Mathematics: Further & General**  
**Mathematics: Methods**  
**Mathematics: Specialist**  
**Media**  
**Music Investigation**  
**Music Performance**  
**Music Styles and Composition**  
**Outdoor and Environmental Studies**  
**Philosophy**  
**Physical Education**  
**Physics**  
**Politics**  
**Psychology**  
**Religion & Society**  
**Sociology**  
**Studio Arts (General & Photography)**  
**Systems Engineering**  
**Theatre Studies**  
**Visual Communication & Design**

A full list of VET studies can be found on page 42 of this guide.

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# ACCOUNTING

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## ACCOUNTING

### Course Description Units 1-2

Textbook Hire:	\$ 25 approx.
Workbook	\$ 30 approx.

These units focus on the establishment of a small business sole trader, as well as the related accounting and financial management.

- Gathering, recording, reporting and analysing financial data
- Single and double entry recording and reporting of cash and credit transactions, and stock
- Evaluating performance and strategies to improve business performance

### Course Description Units 3-4

Textbook Hire:	\$ 25 approx.
Workbook:	\$ 30 approx.

These units focus on financial accounting for a single activity trading business, operated by a sole trader. There is an emphasis on accounting as an information system.

- Double entry/accrual accounting
- First In, First Out method of stock recording
- Financial and non-financial information assisting management
- Budgeting for cash, financial performance and financial position

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# ART

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## ART

### Course Description Units 1-2

Subject Fee:	\$ 60 approx.
Excursions:	\$ 50 approx.

These units focus on artworks as objects, and also forms of cultural expression.

- How do formal qualities such as art elements, materials and techniques communicate meaning, in different societies, cultures and historical periods?
- What inspires different artists to develop their own points of view about meanings and messages?
- Students study the four Frameworks over the Units to apply to their artworks
- In their practical work, students continue to explore techniques and develop personal and creative response in their folio work

### Course Description Units 3-4

Subject Fee:	\$ 60 approx.
Excursions:	\$ 50 approx.

In these units students apply imagination and creativity to develop their ideas through visual language, creating a folio of their own work.

- Folio work is supported through investigation, exploration and application of a variety of materials and techniques
- Students study selected artists who produced works before and after 1970
- In Unit 4 students study issues in Art and explore a particular issue to express their opinions

## BIOLOGY

### Course Description Units 1-2

Textbook Hire: \$ 30 approx.

In Unit 1 students explore the challenges of sustaining life. Through a combination of theory, research and hands-on investigation students explore: the role of cells in life; single and multi celled organisms; adaptations and the role of homeostatic mechanisms to maintain a healthy body function.; biodiversity; and ecosystems. The unit concludes with a student designed practical investigation into an area of interest related to the concepts within the unit.

In Unit 2 students focus on cell reproduction and genetic inheritance. They learn about: the cell cycle; reproduction; cell growth; genetic structures; inheritance; screening for genetic conditions and the role of stem cells in human biology and medicine. Students then conduct an investigation into an issue related to genetics and/or reproductive science.

### Course Description Units 3-4

Textbook Hire: \$ 30 approx.

Compulsory Excursions: \$ 50 approx.

In Units 3 and 4 students build upon their knowledge, skills and experience from Units 1 and 2 to develop a deeper understanding of more complex biological concepts and theories. Students explore cellular processes and structures including: DNA; proteins; cellular representation and photosynthesis; cell signalling and the operations of the human immune system in response to antigens; vaccination and disease. Then also study how life has evolved over time, including: fossil records; relatedness between species and the relationship between human biological and cultural evolution; the human family tree; manipulating DNA; and the implications of gene and biotechnology in society. The unit concludes with a student designed practical investigation into biological change that is reported in the form of a scientific poster.

## BUSINESS MANAGEMENT

### Course Description Units 1-2

Textbook Hire: \$ 25 approx.

These units look at the planning stage of a business and how to establish a business.

- How do the external and internal environments affect the planning stage of a business?
- How do I implement business ideas?
- What are marketing strategies that lead to business success?
- What legal requirements and financial consideration are required for when establishing a business?
- What staff requirements are needed to meet the business's objectives?

### Course Description Units 3-4

Textbook Hire: \$ 35 approx.

These units consider the day-to-day management of a business and the changes that need to be made to ensure the transformation and continued success of a business.

- What are the characteristics of a business?
- What makes a good manager, management styles and management skills?
- How are employees motivated to work towards business objectives?
- How do businesses go ahead about managing change?

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# CHEMISTRY

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## CHEMISTRY

### Course Description Units 1-2

Textbook Hire: \$ 30 approx.

In Unit 1 students explore the origin and nature of materials. Through a combination of theory, research and hands-on investigation students explore: the structure of materials; the periodic table; metals; ionic compounds; molecular models; carbon lattices and nanomaterials; organic compounds; and polymers. Students then conduct a research investigation related to the topics studied this unit.

In Unit 2 students focus on water. They learn about: the physical and chemical properties of water; acid and base reactions; redox reactions; and analysis of water. The unit concludes with a student designed practical investigation into an area of interest related to the concepts within the unit.

### Course Description Units 3-4

Textbook Hire: \$ 20 approx.

In Units 3 and 4 students build upon their knowledge, skills and experience from Units 1 and 2 to develop a deeper understanding of more complex chemistry concepts and theories. Students explore chemical energy sources including: fossil fuels, biofuels, batteries, food and fuel cells. They analyse manufacturing processes; the production of chemicals by electrolysis; and the operation of rechargeable batteries. Students then explore the role of organic compounds in fuels, foods and medicine and a variety of techniques for analysing them. The course includes a major student designed practical investigation into an area of interest that is reported in the form of a scientific poster.

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# COMPUTING

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## COMPUTING

### Course Description Unit 1-2 (Only)

Textbook Hire: \$ 28 approx.

This subject is an introduction to the study of computing in the VCE. Students that undertake this study are preparing themselves to study Informatics and/or Software Development in the next year. By the end of this subject students will be able to design and understand the components and security requirements of a wireless network and use programming to access and manipulate data.

Topics Include:

- Databases and ways to collect, interpret and manipulate data to create visualisations
- Wireless network security
- Create a website for a mobile device on an issue relating to the use of an Information System
- Use an object-oriented programming language to create working software modules

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# COMPUTING

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## INFOMATICS

### Course Description Unit 3-4 (Only)

Textbook Hire: \$ 30 approx.

In this subject students will study a relational database management system and the way organisations acquire data using interactive online solutions such as websites and apps. Students will then take this knowledge to collect and manage data to create a multimodal online solution to confirm or refute their own hypothesis.

- Design and develop a database solution, and represent how users interact with an online solution
- Compare and contrast how organisations manage the storage and disposal of data and recommend improvements to their current practice
- Design, develop, evaluate and collect and interpret data to create a multimodal online solution that confirms or refutes a hypothesis, and assess the effectiveness of a project plan in managing progress

## SOFTWARE DEVELOPMENT

### Course Description Unit 3-4 (Only)

Textbook Hire: \$ 50 approx.

In this subject students develop a detailed understanding of the analysis, design, development, evaluation and a programming language to develop working software modules. Students then identify a need, creating a design and managing their own project to create a working software solution

- Interpret design requirements and use a programming language to develop working modules
- Analyse and document a need or opportunity for a real world software solution
- Create a solution using a programming language that fulfils the needs of your analysis, and assess the effectiveness of a project plan in managing progress

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# DRAMA

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## DRAMA

### Course Description Units 1-2

Subject Fee: \$100 approx.  
Textbook Purchase: \$ 80 approx.  
Excursions: \$200 approx.

These units consider Dramatic Storytelling, and non-naturalistic Australian Drama to develop skills and understanding of processes involved in creating performances.

- What techniques can be used to make solo and ensemble performances?
- How can we analyse our work, and the work of professionals?
- How can we draw on contemporary and historical contexts to create work?
- Work is developed, documented and performed to audiences

### Course Description Units 3-4

Subject Fee: \$100 approx.  
Textbook Purchase: \$70 approx.  
Excursions: \$200 approx.

These units produce a non-naturalistic Ensemble and non-naturalistic Solo Performances.

- Non-naturalistic performance styles and associated theatrical conventions are explored in the development of an ensemble performance
- Different performance styles, theatrical conventions and stimulus materials from a variety of cultural sources contribute to the development of two solo performances

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# ENGLISH

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## ENGLISH OVERVIEW

There are 3 exciting English options for students once they start VCE. All VCE students must study an English to achieve the Victorian Certificate of Education. Each English is suited to different academic interests.

The three choices are:

- English
- English Language
- Literature

Students undertaking the VCE pathway will be able to choose one of either of the three Englishes or a combination suited to the students post school pathway aspirations; a student can study more than one English in their VCE program. All VCE students must complete a sequence of a minimum of 3 English units however it is recommend that the English the student selects as a Unit 1 and 2 will be followed through into Units 3 and 4 so that the student can consolidate the subject area and build upon the skills required for success in Units 3 and 4.

A brief overview of the differences between each three Englishes:

**English** explores meaning through different text types (novels, films, short stories, plays or poetry) and explores different interpretations of themes and social, political and historical contexts with the opportunity for students to develop their own point of view

**English Language** explores the ways in which language is used by individuals and groups and reflects our thinking and values. It provides students with in-depth study of metalinguistic terms and grammar, an exploration of how we acquire language from birth and the history of English over the last 1000 years.

**Literature** is best suited for a student who wants to read a range of text types (novels, films, plays) to unpack how language and literary elements and techniques function within a text. The subject provides students opportunities for reading deeply, widely and critically.

## ENGLISH

### Course Description Units 1-2

Text Hire:	\$20 approx.
Skills Workbook	\$52 approx.

These units cover two core outcomes to develop comprehension, planning, writing and editing skills and to prepare students for Units 3 and 4 English. The outcomes relate to these areas of study: Reading and Creating texts (Unit 1), Analysing and Presenting argument (Unit 1 and 2) and Reading and Comparing texts (Unit 2).

- Critical analysis of a written and a multi-modal text
- Creating a piece of writing in a range of styles and forms
- Analysing the ways verbal and visual language are used to persuade in other texts and their own

### Course Description Units 3-4

Text Hire:	\$25 approx.
Skills Workbook	\$40 approx.

These units continue with the two core areas of studies, introduced in Units 1 and 2, with text study dependant on the VCAA English text list for the given year and:

- Students apply their skills to a range of creative, analytical and media texts
- Class work and the final exam assess competence and confidence in writing and speaking for different purposes and to different audiences, in a variety of forms

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# ENGLISH

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## ENGLISH LANGUAGE

### Course Description Units 1-2

Textbook Purchase: \$45 approx.

Workbook: \$33 approx.

These units consider the technical construction and use of the English language, the nature and functions of language, the way language is organised and its use in communication. Students cover topics such as changes in language over time, language in its social setting and situating texts in their social, cultural and ideological contexts. The key area of studies in Units 1 and 2 are:

- The nature and functions of language
- Language acquisition
- English across time
- Englishes in contact

### Course Description Units 3 -4

Textbook Purchase: \$ 45 approx.

Units 3 and 4 allow students to explore ways in which we use language in formal and informal contexts and investigate English language in a contemporary Australian social setting. They consider language as a means of social interaction, exploring how through written and spoken texts we communicate information, ideas, attitudes, and prejudices.

The key area of studies in Units 3 and 4 are:

- Informal language
- Formal language
- Language variation in Australian society
- Individual and group identities

## LITERATURE

These units focus on the close and critical analysis of a range of different creative texts (such as poetry, prose, drama and non-print). Text study in Units 3 and 4 are dependent on the VCAA text list for Literature of the given year.

### Course Description Units 1-2

Text Hire: \$20 approx.

- Students develop critical and creative responses and deepen their understanding of the meaning of texts by studying literary elements such as the style of narrative, the characters, the language and structure of the text
- The impact of culture as an influence on understanding and interpretation of text is also explored
- This subject requires frequent and detailed reading and writing
- Students are encouraged to reflect and develop individual interpretations

### Course Description Units 3-4

Text Hire: \$20 approx.

Skills Workbook: \$50 approx.

Units 3 and 4 Literature extends upon the key areas of study in Units 1 and 2 by exploring these areas of study:

- Adaptations and transformations
- Creative responses to texts
- Literary perspectives
- Close analysis

**ENVIRONMENTAL SCIENCE****Course Description Units 1-2**

Workbook \$ 70 approx.

In Unit 1 students explore how Earth's systems are connected. Through a combination of theory, research and hands-on investigation students explore: ecosystems; sustaining life on Earth; minimising waste; monitoring the environment; and the effects of environmental changes. The unit concludes with a student designed practical investigation into an area of interest related to the concepts within the course.

In Unit 2 students focus on how pollution can be managed. They learn about how pollutants behave, the monitoring of pollution and its treatment. Students then conduct a research investigation into a particular form of air, soil and water pollution that is of global concern and communicate their findings to their peers.

**Course Description Units 3-4**

Textbook Hire: \$ 20 approx.

In Units 3 and 4 students build upon their knowledge, skills and experience from Units 1 and 2 to develop a deeper understanding of more complex environmental science concepts and theories. Students explore: biodiversity, sustainable development; fossil fuels and renewable energy; and the causes and impacts of climate change. The unit concludes with a student designed practical investigation into an area of interest that is reported in the form of a scientific poster.

**EXTENDED INVESTIGATION****Course Description Units 3-4 (only)**

Extended Investigation is designed to enable students to ask a rigorous, searching research question, conduct research and present the results of research.

Your research question can come from any area but it must not duplicate any current Unit 3-4 VCE study. Research questions are formally lodged with the Victorian Curriculum and Assessment Authority in Term 1.

Examples of previous research questions:

- How did the introduction of steam technology to the construction of the Panama Canal affect the development, efficiency and success of the project?
- How effective is the Karkarook Park wet filtration system in improving water quality? A case study
- What change of attitude towards speeding whilst driving do Transport Accident Commission ads have on young (name of) School male and female drivers?
- How has the rise of the internet affected food culture?
- What is the effect, if any, on a (name of) School student's academic results when they are using their mobile phones in class?
- Examined through poetry, with focus on two particular points in time, how has existential thought progressed?

You will undertake independent research, learn about research ethics, read selected literature, and use the conventions of academic writing including referencing systems and acknowledging sources. Learning and applying skills of critical thinking is a foundation of the study.

Work requirements: you will keep a journal of all aspects of research, complete an online exam on critical thinking, conduct independent research, write a 4000 word report, and make an oral presentation to a non-expert, independent panel.

## **FIBRE & FASHION (PRODUCT DESIGN & TECHNOLOGY)**

The study of 'Product Design and Technology – Fibre and Fashion' is suitable for students who like designing and creating with a particular focus on fabrics, fibres and/or fashion. It can provide pathways to a range of related design fields such as a Fashion, Textile or Interior Designer.

### **Course Description Units 1-2**

Subject Fee: \$ 40 approx.  
Textbook Hire: \$ 25 approx.

In these units, students will have the opportunity to work with a range of materials related to textile/fabric/fibre to:

- Redesign or modify existing products
- Produce and evaluate redesigned products
- Work in a team to design, produce and evaluate products

### **Course Description Units 3-4**

Subject Fee: \$ 80 approx.  
Textbook Hire: \$ 25 approx.

These units extend students design brief skills, including work on Designing, Technological Innovation and Manufacture, Product Development, Evaluation and Promotion. Students will:

- Investigate the role of a designer
- Analyse and compare products
- Use problem solving skills to design a product to meet a particular 'clients' needs
- Produce and evaluate their product

## **FOOD STUDIES**

This study enables students to develop as informed citizens about food choices, build practical food skills in the planning, preparation, evaluation and enjoyment of food, including the principles and practices that ensure the safety of food. Students will apply principles of nutrition, food science and sensory evaluation to food planning and preparation, extend understanding of food origins, cultures, customs and behaviours. Students will develop an understanding of global and local systems of food production, distribution and governance, develop awareness of a diverse range of influences on food choice. Students will research and discuss issues relating to economic, environmental and ethical dimensions of our food system, analyse and draw evidence-based conclusions in response to food information, food advertising and current food trends.

### **Course Description Units 1-2**

Subject Fee: \$250 approx.  
Textbook Hire: \$ 30 approx.  
VCE Food Studies Notes: \$ 30 approx.

- Food Around the World
- Food Industries
- Food in Australia
- Food in the home

### **Course Description Units 3-4**

Subject Fee: \$250 approx.  
Textbook Hire: \$ 30 approx.

- The Science of Food
- Environment and Ethics
- Food Choice, Health and Wellbeing
- Navigating Food Information

Food Studies can lead to careers such as Food Product Design, Nutritionist, Dietician, Health Promotion, Food Technologist/Scientist, Food Product Marketing, Food Styling/Photography and Hospitality.

## HEALTH & HUMAN DEVELOPMENT

### Course Description Units 1-2

Textbook Hire: \$30 approx.

These units consider the Health and Development of the Lifespan, including Youth; Australia's Healthcare System and Health Related Issues.

- How important is nutrition for the provision of energy and growth during the lifespan stage of youth?
- What factors affect the health and individual human development of Australia's children? Biology, behavioural factors, physical and social environments, physical, social, emotional and intellectual changes ... what happens as we grow?
- What is Australia's Healthcare System? And what makes it unique?
- Why do we age? And how does this affect the Australian Health Care system?

### Course Description Units 3-4

Textbook Hire: \$30 approx.

These units consider Australia's Health, as well as Global health and Human Development.

- What is the difference between biomedical, social and preventative models of health?
- What is the function of nutrition and different nutrients in the body?
- How does Australia's health compare with that of other developed populations and developing populations?
- What are the roles of governments in addressing health, and health promotion?
- How are we going in terms of the United Nations' Sustainable Development Goals? What about health and sustainability?

## HISTORY: 20TH CENTURY

### Course Description Units 1-2 (Only)

Textbook Hire: \$ 20 approx.

History Units 1 and 2 cover the main events of the twentieth century, excluding the two world wars. The following gives you an outline of the Unit 1 course.

#### Area of Study 1:

##### Ideology and conflict

- What impact did the treaties which concluded World War One have on nations and people?
- What were the dominant ideologies of the period?
- What impact did the post-war treaties, the development of ideologies and the economic crisis have on the events leading to World War Two?

#### Area of Study 2:

##### Social and Cultural Change

- What continuity and what change is evident between the 1920s and 1930s in social and cultural life?
- How did ideologies affect the daily lives of people?
- How did cultural life both reflect and challenge the prevailing political, economic and social circumstances?

Unit 2 (1945 – 2000) explores The Cold War, 1960s, The Vietnam War and political change.

## HISTORY: REVOLUTIONS

### Course Description Units 3-4 (Only)

Textbook Hire: \$ 35 approx.

These units look at

- Russia: 1886 – 1927, The causes and aftermath of the Russian Revolution, including the rise of Communist thought, the significance of Lenin in contributing revolution, Bloody Sunday, and a look at how ideals changed as the new regime attempted to consolidate power

- America 1756 – 1787, The causes and aftermath of the American Revolution, including ideas such as republicanism, the significance of leaders such as George Washington, Samuel Adams and others and the obstacles they faced in seeking to establish a new society

## **HISTORY: ANCIENT**

### **Course Description Units 1-2**

Textbook Hire: \$ 30 approx.

Unit 1 explores Ancient Mesopotamia. The lands between the rivers Tigris and the Euphrates have been described as the 'cradle of civilisation'. Although this view is now contested in ancient history and archaeology, the study of Ancient Mesopotamia provides important insights about the growth of cities. Students investigate:

- the creation of city-states and empires
- the invention of writing – a pivotal development in human history.

This unit highlights the importance of primary sources (the material record and written sources) to historical inquiry about the origins of civilisation.

Unit 2 analyses Ancient Egypt. Ancient Egypt gave rise to a civilisation that endured for approximately three thousand years. Unlike Mesopotamia, Egypt was not threatened by its neighbours for the greater part of its history. The Nile served as the lifeblood of urban settlements in Upper and Lower Egypt. Kingdoms rose, flourished and fell around the banks of this great river. This unit highlights the importance of primary sources (the material record and written sources) to historical inquiry about Old and Middle Kingdom Egypt.

## **HISTORY: ANCIENT continued**

### **Course Description Units 3-4**

Textbook Hire: \$ 30 approx.

Units 3 and 4 Ancient History give students the option to study 2 major civilizations. Egypt, Greece and Rome were major civilizations of the ancient Mediterranean. Students explore the structures of one of these societies and a period of crisis in its history in Unit 3 and then another in Unit 4. The teacher will generally select which of the two civilizations the students will explore.

Students examine how life in these ancient societies was shaped by the complex interplay of social, political and economic factors.

These units highlight the importance of primary sources to historical inquiry about ancient civilizations. Key inquiry questions include:

- What was it like to live in ancient Egypt, Greece or Rome?
- What were the social, political and economic features of life?
- Why were these features significant?
- How did crises change ancient societies?
- How did key individuals contribute to such events?
- How might we judge the historical significance of these crises and the individuals who took part in them?

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# LANGUAGES

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Being able to speak a second language is a powerful skill, which may give students a competitive edge above their peers in a variety of different career paths.

Language classes are dependent on class size. A full range of LOTE subjects is available via the Victorian School of Languages (VSL) – students need to speak to an Assistant Principal before enrolling with the VSL. The College will support VSL students with their studies.

## **CHINESE: MANDARIN (1st LANGUAGE)**

### **Course Description Units 1-4**

Online Software:                      \$ 40 (Language Perfect Subscription)

The study is designed for students who have typically spent some time as a resident and/or have had some experience of studying Chinese in a country in which Chinese is a major language of communication. The study is to develop the ability to communicate in another language, appreciate the cultural contexts in which Chinese is used and understand their own culture(s) through the study of other cultures.

## **CHINESE: MANDARIN (2nd LANGUAGE)**

### **Course Description Units 1-4**

Online Software:                      \$ 40 (Language Perfect Subscription)

This study is designed to enable students to use Chinese to communicate with others; understand and appreciate the cultural contexts in which Chinese is used; understand their own culture(s) through the study of other cultures; understand language as a system; make connections between Chinese and English; apply Chinese to work, further study, training or leisure.

## **INDONESIAN (2nd LANGUAGE)**

### **Course Description Units 1-4**

Online Software:                      \$ 40 (Language Perfect Subscription)

Indonesian, enables students to further expand on their language skills through studying a range of topics, such as the personal world of a young Indonesian person, which includes school and aspirations, what music they listen to, what films they like, where they hang out on weekends, their use of slang and the impact of Western culture. Students will also investigate a range of Social and Environmental Issues impacting Indonesia and will learn how to express their own ideas and opinions in a variety of different situations.

Course information is obtained from various sources, such as different text books, short internet article, YouTube clips and listening to audio files/CDs.

Students must be prepared to do regular homework tasks, which for example might be a writing journal, listening or reading comprehension tasks, learning new vocabulary on Language Perfect or revising grammar exercises.

After completing VCE Indonesian, students can continue their Indonesian studies at University with several universities, including Deakin, Melbourne, Monash, LaTrobe, ANU –Canberra and UNSW. Indonesian is offered as part of an Arts or Global Arts Degree or can be combined with many other fields of study such as journalism, medicine, engineering and business.

## JAPANESE (2nd LANGUAGE)

### Course Description Units 1-2

Textbook Hire:	\$ 15 approx.
Online Software:	\$ 40 (Language Perfect Subscription)

The prescribed topics for Unit 1 and 2 include Personal world, Daily life, Visiting Japan, the World of Work, and Life in Japan. Students will be expected to be familiar with personal, imaginative, persuasive, informative and evaluative language.

### Course Description Units 3-4

Textbook Hire:	\$ 15 approx.
Online Software:	\$ 40 (Language Perfect Subscription)

The prescribed topics for Unit 3 and 4 include Personal World, Visiting Japan, Past and Future, Getting to know people in Japan, Changes in daily life and Home and neighbourhood.

- Students will be expected to be familiar with personal, imaginative, persuasive, informative and evaluative language
- Students are required to undertake a detailed study related to the prescribed topics and is based on a selected sub-topic

## LEGAL STUDIES

### Course Description Units 1-2

Textbook Hire:	\$ 28 approx.
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These units look at Criminal Law, Justice and Civil Law

- Why do we have laws? How does criminal law work in Victoria? What is the role of police? What is Justice? Fairness? What punishments are possible?
- What is a civil dispute? How does our society manage civil disputes? In court or without going to court?
- These units also look at specific areas of law, and current legal issues

### Course Description Units 3-4

Textbook Hire:	\$ 25 approx.
Revision Notes	\$ 30 approx.

These units look at Law making and Dispute resolution

- Who makes laws? How do they do it? Why is the Commonwealth Constitution important?
- Do the law-makers get it right? Can law change society?
- What about the courts, tribunals and other ways of resolving disputes? How does criminal law work? What happens in a trial?
- What's the difference between the adversary and inquisitional systems in court? How effective is the Victorian legal system?

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# MATHEMATICS

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## MATHS OVERVIEW

Students may elect to complete one or more Mathematic subjects at a VCE level from the subjects listed. Students are advised to discuss their subject selections with their Mathematics teacher and to ensure that their selection meets the requirements of career pathways they may wish to pursue.

## FOUNDATION MATHS

### Course Description Units 1-2 (Only)

Scientific Calculator: \$ 15 approx.

Foundation Mathematics focuses on using mathematics effectively, efficiently and critically to make informed decisions in daily lives. The emphasis of Foundation Mathematics is to provide students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. It includes topics such as area, measurement, basic numeracy skills, location and personal maths. This subject provides the opportunity for students to prepare for post-school options of employment and further training. It is a Unit 1 and 2 subject only and does not lead to any Maths 3 and 4 sequence.

## GENERAL MATHS

### Course Description Units 1-2 (Only)

Textbook Hire: \$ 25 approx.

Calculator: \$250 approx. (Casio Classpad)

## FURTHER MATHS

### Course Description Units 3-4 (Only)

Textbook Hire: \$ 25 approx.

Calculator: \$250 approx. (Casio Classpad)

General and Further Mathematics focuses on using the techniques of discrete mathematics to solve problems in contexts that include financial modelling, network analysis, route & project planning, decision making, and discrete growth and decay. General and Further Mathematics provide an opportunity to analyse and solve a wide range of geometrical problems in areas such as measurement, scaling, triangulation and navigation. It also provides opportunities to develop systematic strategies based on the statistical investigation process for answering statistical questions that involve comparing groups, investigating associations and analysing time series. General Maths 1-2 is the minimum prerequisite for primary careers.

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# MATHEMATICS

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## MATHS METHODS

### Course Description Units 1-4

Textbook Hire: \$ 25 approx.  
Software: Wolfram Mathematica  
Provided at no cost

Mathematical Methods is for students who have a sound grounding in Mathematics. Mathematical Methods Units 3 and 4 are highly recommended and are often prerequisites for University courses in a range of disciplines.

Mathematical Methods focuses on the development of the use of functions, algebra, calculus and statistical analysis. The study of Calculus in Mathematical Methods provides a basis for an understanding of the physical world involving rates of change and includes the use of functions, their derivatives and integrals, in modelling physical processes. The study of statistics in Mathematical Methods develops the ability to describe and analyse phenomena involving uncertainty and variation.

## SPECIALIST MATHS

### Course Description Units 1-4

Textbook Hire: \$ 25 approx.  
Software: Wolfram Mathematica  
Provided at no cost

Specialist Mathematics is for students who are studying or have previously completed Mathematical Methods. Specialist Mathematics provides opportunities beyond those presented in Mathematical Methods, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively.

Specialist Mathematics at Unit 1 and 2 provides additional support and background for students to improve their performance in Mathematical methods. Specialist Mathematics is also a separate 3 and 4 unit.

This subject is most suitable for students who enjoy Mathematics and the challenges presented. It provides in-depth skills and knowledge in preparation for the complex university studies in a range of disciplines.

Specialist Mathematics contains topics in functions and calculus that build on and deepen the ideas presented in Mathematical Methods and demonstrate their application in many areas. Specialist Mathematics also extends understanding and knowledge of probability and statistics and introduces the topics of vectors, complex numbers, matrices and recursive methods.

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# MEDIA

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## MEDIA

### Course Description Units 1-2

These units address Media forms, representations and Australian stories along with Narrative across media forms.

- Students develop an understanding of audiences and the core concepts underpinning the construction of representations
- Students work in a range of media forms and develop and produce representations
- Students further develop an understanding of the concept of narrative in media products and forms in different contexts
- Students undertake production activities to design and create narratives

### Course Description Units 3-4

Excursions: \$50 approx.

These units address Media narratives and pre-production along with Media production and issues in the media.

- Students explore stories that circulate in society through media narratives.
- Students use the pre-production stage of the media production process to design the production of a media product for a specified audience.
- Students focus on the production and post-production stages of the media production process
- Students explore the relationship between the media and audiences, focusing on the opportunities and challenges afforded by current developments in the media industry.

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# MUSIC

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## MUSIC INVESTIGATION

### Course Description Units 3-4 (only)

This subject is designed for students with considerable experience in practical and theoretical music aspects. This course involves both performance research and performance of works allied to a FOCUS AREA.

The three areas of study are:

- Investigation-research - issues relevant to performance practice in the Focus Area
- Composition/Improvisation/Arrangement - a folio that demonstrates understanding of the Focus Area
- Performance (in Group or Solo context) - performance of works representative of the selected Focus Area

## MUSIC STYLES & COMPOSITION

### Course Description Units 1-4

Students listen, analyse and respond critically and creatively to music from a range of geographical, social and cultural contexts. Students use a range of practices to develop their understanding of the ways music can be designed, created and performed. The course involves listening, analysing and creating music. A major externally assessed task is sent to VCAA for marking in Unit 4.

## MUSIC PERFORMANCE

### Course Description Units 1-2

Workbook: \$60 approx.

These units develop skills in preparing programs of musical works in solo and group settings.

Areas of study:

- Performance - prepare and present performance in Group and Solo Context
- Performance Technique - development of instrumental techniques and the study of performance skills and strategies utilised by performers
- Musicianship - aural perception, music theory and analysis

### Course Description Units 3-4

Workbook: \$60 approx.

Students select a program of group and solo works representing a range of styles and diversity of character for performance. Skills in aural perception, music theory and analysis, performance techniques and unprepared performance are developed, building on key knowledge and skills commenced in Unit 1 and 2.

- Students elect whether they will present as a soloist or a member of a group in the End of Year Performance exam

**Note:** Students of Music Performance are required to undertake tuition in their chosen instrument, either through the WSSC Instrumental Music Program or private tutors.

## OUTDOOR & ENVIRONMENTAL STUDIES

### Course Description Units 1-2

Textbook Hire: \$30 approx.

Excursions: \$595 approx.

Unit 1 examines some of the ways in which people understand and relate to nature through experiences of outdoor environments.

- What motivates individuals towards outdoor environments and experiences?

Unit 2 focuses on the characteristics of outdoor environments and our impacts on them.

- How have people interacted with outdoor environments? What happens now? How does the nature environment impact on humans and what impact are humans having on outdoor environments?

Adventure activities may include rock climbing, hiking, snow camping, skiing & boarding, horse riding or surfing.

### Course Description Units 3-4

Textbook Hire: \$30 approx.

Excursions: \$605 - \$890 approx.

Unit 3 looks at the ecological, historical and social effects of people on the Australian environment.

- What ecological, historical and social contexts help us think about relationships between humans and outdoor environments in Australia?

Unit 4 explores the sustainable use and management of outdoor environments.

- What about conservation? How can outdoor environments be maintained?
- Can human needs and the needs of outdoor environments be balanced?

Adventure activities include bushwalking, and activities chosen to meet student and course requirements.

## PHILOSOPHY

### Course Description Units 1-2

Textbook Hire: \$ 25 approx.

These units look at 'doing philosophy' and some philosophical issues in everyday life

- How do we know what we think we know? What is real? What are the arguments for the existence of God? Do we have free will? What is time? How can we go about thinking, reasoning and using logic, the philosopher's tools
- Ethics: what makes an action right or good? How do we know what's right? What about aesthetics? Religion? Politics? Justice? Other ways of thinking?

### Course Description Units 3-4

Readings: \$ 25 approx.

These units look at three questions: What am I? Who am I? How should I live? Good Life, Mind and Knowledge

- The mind: is it simply a physical brain or is there a spiritual or metaphysical 'mind'? What about the relationship between mind and body?
- Identity: am I the same person now, as the person who finished primary school five years ago?
- What is the nature of happiness? Of pleasure? Does the 'good life' mean being morally decent to other people? Are we all capable of achieving the good life?
- What have philosophers said about how people should live their lives?

## PHYSICAL EDUCATION

### Course Description Units 1-2

Textbook Hire: \$30 approx.

Workbook \$30 approx.

Unit 1 Physical activity, sport and health.

- How does physical activity and sport improve health?
- How can physical activity levels in communities be increased?

Unit 2 The human body in motion.

- How does the musculoskeletal system work to produce movement?
- How does the cardiorespiratory system function at rest and during physical activity?

### Course Description Units 3-4

Textbook Hire: \$30 approx.

Workbook \$30 approx.

Unit 3 Analysis of movement and energy production (skill classification and biomechanical principles).

- How are movement skills analysed and improved?
- How does the body produce energy?

Unit 4 Training to improve performance.

- What are the foundations of an effective training program?
- How is training effectively implemented to improve performance from a physiological perspective?

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# PHYSICS

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## PHYSICS

### Course Description Units 1-2

Textbook Hire:	\$ 30 approx.
Calculator:	\$ 15 approx.
Excursions:	\$ 70 approx.

In Unit 1 students explore ideas that explain the physical world. This unit is focused on a combination of theory, research and hands on experimentation. Students explore: the origins of the universe; the structure of atoms; nuclear energy; thermodynamics; climate change; electric circuits; and electronic communication systems.

In Unit 2 students focus on how experiments allow us to understand the physical world. In the first topic students explore the motion of real world objects using concepts of forces and energy. Students then have the opportunity to explore options such as: astronomy; the search for extra terrestrial intelligence; biomechanics; electronic devices; aerospace; nuclear fission and fusion; medical physics; particle accelerators; human vision; instruments and music; ball sports; and electricity in the human body. The unit includes a major student designed practical investigation into an area of interest related to the concepts within the course.

### Course Description Units 3-4

Textbook Hire:	\$ 30 approx.
Calculator:	\$ 15 approx.
Excursions:	\$ 70 approx.

In Units 3 and 4 students build upon their knowledge, skills and experience from Units 1 and 2 to develop a deeper understanding of more complex physics concepts and theories. Students explore: the motion of everyday objects; gravity and satellites; Einstein's relativity; electrical and magnetic fields; magnetic forces; electrical motors and generators; electricity transmission; mechanical waves; the nature of light; and the dual wave-particle nature of light and matter. The unit includes a student designed practical investigation into an area of interest that is reported in the form of a scientific poster.

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# POLITICS

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## AUSTRALIAN AND GLOBAL POLITICS

### Course Description Units 1-4

Textbook Hire:	\$ 25 approx. per year
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Australian Politics is the study of how power is gained and exercised. It considers the significant ideas about organising political systems and features on the way politics is practiced in Australia. It evaluates Australian democratic practices against particular ideas and principles that include representation, respect for rights and recognition of diversity and freedom of speech. Australian Politics compares Australian democracy with the system of democracy of the United States of America. The study also examines the ways that the national government uses its power to make and implement public policy and the national stakeholders and international challenges that influence that policy.

Global politics is the study of the political, social, cultural and economic forces that shape interactions between states and other global actors in the contemporary world. It examines the interconnectedness of the contemporary global political arena and the impact of globalisation on culture, sovereignty, human rights and the environment. It examines the nature and power of key global actor's ethical issues including human rights, people movement, development and arms control and explores the nature and effectiveness of global responses to crises such as climate change, armed conflict, terrorism and economic instability.

This study enables students to:

- Understand and apply fundamental political concepts
- Understand the nature of contemporary politics and power in national and global contexts
- Critically examine the characteristics and features of Australian democracy
- Analyse global issues and challenges and the key factors that influence these
- Evaluate the effectiveness of responses to global crises

## PSYCHOLOGY

### Course Description Units 1-2

Textbook Hire: \$ 30 approx.

Students investigate the structure and functioning of the human brain, nervous system and internal/external influences on behaviour.

- Brain plasticity and brain damage
- Psychological development
- The human brain and its functions and Mental Health
- Power conformity and obedience
- Taste and visual perception

### Course Description Units 3-4

Textbook Hire: \$ 30 approx.

Students explore:

- The nervous system
- Stress and the management of stress
- Memory and learning
- Consciousness
- Sleep and the effect of sleep deprivation
- Mental health and mental disorders
- Phobias
- Research and experiments in Psychology

## RELIGION & SOCIETY

### Course Description Units 1-4

Textbook Hire: \$ 25 approx.

The study of religion and society can assist students in reaching a deeper, balanced understanding of societies and cultures in which multiple worldviews coexist. Students explore how such societies and their religious traditions negotiate significant and ethical issues. Religious traditions offer value systems that guide their interactions with society and influence society's decision making. This study offers an insight into the religious beliefs and other aspects of religion that express value systems. Students study the role of religions in supporting adherents to grapple with the big questions of human existence and to respond to significant life experiences.

### Course Structure

The study is made up of four units.

Unit 1: The role of religion in society

Unit 2: Religion and ethics

Unit 3: The search for meaning

Unit 4: Religion, challenge and change

For the purposes of this study, religion can be understood to have particular interrelated aspects. These provide a useful framework to assist students in their study of religion throughout Units 1 to 4. Students consider the following interrelated aspects when investigating a selected religious tradition or denomination and religion in general:

Students explore:

- Beliefs
- Sacred stories
- Spaces, places, times and artifacts
- Texts
- Rituals
- Symbols
- Social structures
- Ethics
- Spiritual experiences

## SOCIOLOGY

### Course Description Units 1-2

Workbook: \$ 45 approx.

These units look at Youth, Family, education and the Workplace

- What do we know about the experiences of young people in Australian Society both today and in the past?
- The family is a central social institution. What factors have an impact on families?
- Deviant behaviour including moral panics are analysed and explained using sociological theories
- How effective is punishment in shaping human behaviour?

### Course Description Units 3-4

Textbook Hire: \$ 20 approx.

Unit 3 explores the notations of Culture and Ethnicity in two different contexts - Australia Indigenous culture and ethnicity in relation to migrant groups. Unit 4 explores the way we shape community and how various types of community are experienced. We also explore the relationships between social movements and social change.

In Units 3 and 4, we:

- Discuss how community groups exist and the challenges they could face such as environmental disaster, economic change and political interaction
- Explore the historical impacts of how we shape Aboriginal identity today in the 21st century
- Analyse Australia's migration history and current migration policies
- Explore Australia's ethnic diversity
- Understand issues of social justice and human rights
- Pick apart social movements and examine criticisms for and against a movement, for example Greenpeace

## STUDIO ARTS (GENERAL)

### Course Description Units 1-2

Subject Fee: \$60 approx.

Excursions: \$50 approx.

These units introduce students to Artistic Inspiration and Techniques, and Design Exploration and Concepts through the study of a range of different topics. Students will look at:

- What inspires artworks?
- What materials and techniques - painting, drawing, printing, sculpture, ceramics and textiles- are available as tools for translating ideas, observations and experiences into visual form?
- How have artists worked in different times and locations?

### Course Description Units 3-4

Subject Fee: \$60 approx.

Excursions: \$50 approx.

These units focus on Studio Production, Professional Practice and Art Industry.

- Students will develop ideas, a range of potential directions and solutions, and finally produce a folio of finished artworks based on a written exploration proposal
- Students examine and analyse professional art practices in relation to artists' style evident in different cultural and/or historical contexts, particular art form(s), the development of distinctive styles in artworks, and the legal and ethical considerations of appropriation in the making of new artworks

## STUDIO ARTS (PHOTOGRAPHY)

### Course Description Units 1-2

Subject Fee:	\$60 approx.
Excursions:	\$50 approx.

These units focus on Artistic Inspiration and Techniques, and also Design Exploration and Concepts through the study of a range of topics.

- Students source ideas and inspirations, and experiment with a variety of materials and techniques
- Students explore digital and/or darkroom manipulation, and develop a design process to translate ideas into visual forms
- Students will examine how artists have worked in different times and places

### Course Description Units 3-4

Subject Fee:	\$60 approx.
Excursions:	\$50 approx.

These units focus on Studio Production, Professional Practice and Art Industry.

- Students will develop individual ideas and concepts, identify a range of potential directions and solutions, and finally produce a folio of finished artworks based on a written exploration proposal
- Students examine and analyse professional art practice as well as artists' style evident in different cultural and/or historical contexts, the development of distinctive styles in artworks, and the legal and ethical considerations of appropriation in the making of new artworks

## SYSTEMS ENGINEERING

This subject is ideal for any student wishing to pursue an engineering pathway or enjoys tinkering, investigating and pulling things apart to see how they work. Students will learn how electrical and mechanical systems combined to create integrated systems. Students will have the opportunity to learn CAD, use 3D printers, laser cutter and basic tools to build their projects.

### Course Description Units 1-2

Subject Fee:	\$150 approx.
Textbook Hire:	\$25 approx.

In these units students will build several projects including a simple machine, an electrical system and an integrated system containing a microcontroller. Practical work is supported with a folio containing design, production, testing and evaluating diagrams, data, notes and conclusions.

- What are mechanical systems and devices?
- What about electrical and electronic circuits and devices?
- How do we evaluate technological systems, operation, function and environment?

### Course Description Units 3-4

Subject Fee:	\$75 approx.
Textbook Hire:	\$25 approx.

These units focus on Systems Engineering and Energy, and also Integrated and Control Systems Engineering. Students will take their knowledge of electrical, mechanical, open and closed loop systems to design and build their own integrated system and portfolio.

- One substantial production is undertaken. A complex "product", containing both electrical/electronic and mechanical components, will demonstrate knowledge of planning, design, hand skills, component identification, testing procedures and safe work practices

## THEATRE STUDIES

### Course Description Units 1-2

Subject Fee:	\$100 approx.
Textbook Purchase:	\$ 70 approx.
Excursions:	\$100 approx.

These units focus on Theatrical Styles of the Pre-Modern Theatre, and Modern Theatre, to develop skills and understanding of stage crafts involved in presenting performances.

- From Greek to Elizabethan to Commedia to Melodrama, Beijing Opera to Noh Theatre and Butoh. How has theatre found different ways of presenting work?
- What is stagecraft? Acting, Costume, Direction, Lighting, Makeup, Promotion, Props, Set, Sound, Stage Management, Theatre Technologies.
- Naturalism/Realism; Expressionism; Epic Theatre; Feminist Theatre; Stanislavski, Chekhov, Brecht. What have more recent theatre practitioners been doing?
- Analyse and evaluate the use of stagecraft in a professional performance

### Course Description Units 3-4

Subject Fee:	\$100 approx.
Textbook Purchase:	\$ 70 approx.
Excursions:	\$100 approx.

These units concentrate on Playscript Interpretation and Performance Interpretation, to produce a play, analyse and evaluate performances, and produce monologues.

- The three stages of Theatrical Production Process: planning period, rehearsal period and presentation period
- The class works collaboratively to create the production
- Creating a character, with stagecraft and research, equals ... the monologue
- Analyse and evaluate the use of stagecraft in a professional performance

## VISUAL COMMUNICATION

### Course Description Units 1-2

Subject Fee:	\$ 60 approx.
Excursions:	\$ 50 approx.

These units aim to introduce visual communication, industrial and environmental design and an understanding of the design process and brief.

Students will:

- develop an understanding of instrumental drawing methods including: perspective, isometric, planometric and orthogonal
- Develop freehand and digital drawing skills to produce observational and visualisation sketches.
- Utilise manual and digital processes to explore typography and the principles and elements of design

### Course Description Units 3-4

Subject Fee:	\$ 60 approx.
Excursions:	\$ 50 approx.

The focus of these units is for students to apply their knowledge of the three design fields, through the design process, to prepare a brief that defines two needs for a client.

- develop an understanding of visual communication production through the application of the design process to satisfy specific communication needs
- investigate, analyse and examine the production of visual communications in professional settings

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# VET - VOCATION EDUCATION & TRAINING

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## VOCATIONAL EDUCATION & TRAINING OVERVIEW

### What is VET?

Vocational Education and Training programs in schools are nationally accredited training Certificate II or III level courses, which count as VCE Studies or form part of a VCAL program. On-the-job training at workplaces or structured workplace learning is an important part of the delivery for many of the courses. Like similar programs across Australia, it expands the range of courses and learning situations available to senior students, while at the same time maintaining choices for further study.

### What are the Advantages of Doing a VET Course?

- If you decide to enter the workforce you will have a better chance of finding employment.
- If you decide to go to TAFE you have advanced standing for higher level courses.
- If you decide to go to University, in most cases the vocational education units contribute to your ATAR score.

### How Does VET Affect VCE Units and ATAR?

Most courses count as a full VCE sequence, i.e. Units 1–4. VET courses with a Unit 3-4 sequence and a final exam contribute directly to the calculation of the Australian Tertiary Admissions Ranking (ATAR). See individual programs for details.

### How Does VET Affect VCAL?

A VET subject is compulsory for the completion of a VCAL certificate.

### VET Fees and Costs

There are additional costs in running a VET course such as purchasing the specialist services of TAFE and other training providers, workbooks, class materials and equipment, first aid courses and excursions. Students are required to make a contribution toward material and consumables required during the course. Please refer to the booklist for details.

### VET Course Reviews

VET courses are regularly reviewed and amended to keep up to date with industry and training requirements. Every effort has been made to ensure that the information supplied is accurate at the time of printing. Any subsequent changes to courses will be notified as soon as the information becomes available.

### Course Duration

Most VET courses are undertaken over 2 years, except for Logistics and Retail which are a one year program. Students who do not complete the full course are eligible to receive a statement of attainment for the units of competence they have successfully completed and credit into VCE/VCAL on a pro rata basis.

### Course Accreditation

To gain the **full VET Certificate**, students must complete the first and second year of the VET course (Unit 1/2 and Unit 3/4).

Students can **partially complete** a VET Certificate and still gain **credit towards their VCE or VCAL**.

# VET SUBJECT LIST

VET QUALIFICATION	VCE Units	ATAR score	Work Placement Requirements	RTO
<b>ALLIED HEALTH ASSISTANCE</b> HLT33015 Certificate III in Allied Health Assistance.	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects. Scored assessment available 2018.	<b>Required</b> two weeks over two years	Riverina TAFE
<b>ANIMAL STUDIES</b> ACM20110 Certificate II in Animal Studies	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	Placement of one week in both years strongly recommended	
<b>APPLIED FASHION DESIGN TECHNOLOGY</b> MST20616 Certificate II in Applied Fashion Design and Technology	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	Optional	T.B.A.
<b>APPLIED LANGUAGE</b> 10297NAT Certificate II in Applied Language	1 - 2		Optional	
<b>AUTOMOTIVE TECHNOLOGY</b> AUR20716 Certificate II in Automotive Vocational Preparation	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	Four weeks over two years strongly recommended	Riverina TAFE
<b>BEAUTY</b> SHB20116 Certificate II in Retail Cosmetics	1 - 2 Only		One week strongly recommended	A.I.E.T.
<b>BUILDING &amp; CONSTRUCTION</b> 22216VIC – Certificate II in Building and Construction (Carpentry Stream)	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	Two weeks over two years strongly recommended	
<b>CHILDREN'S SERVICES</b> CHC30113 Certificate III in Early Childhood Education and Care	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	<b>Required</b> work placement in term three for two weeks	Riverina TAFE
<b>CIRCUS TRAINING</b> 22073VIC Certificate III in Circus Arts Year 11 and 12 students only	1 - 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	To be completed in conjunction with circus training.	
<b>COMMUNITY SERVICES</b> CHC32015 Certificate III in Community Services	1 - 4	Scored assessment available can count in primary four.	Three weeks over two years recommended	Riverina TAFE
<b>DANCE</b> CUA20113 – Certificate II in Dance and selected units from CUA30113 Certificate III in Dance	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Two weeks over two years recommended	Dance Factory

# VET SUBJECT LIST

VET QUALIFICATION	VCE Units	ATAR score	Work Placement Requirements	RTO
<b>ELECTRICAL INDUSTRY PROGRAM</b> UEE22011 Certificate II in Electrotechnology (Career Start)	1 – 4	Can count as 5th and/or 6th subject i.e. 10% average of primary four subjects.	Two weeks over two years strongly recommended	Riverina TAFE
<b>ENGINEERING STUDIES</b> 22209VIC – Certificate II in Engineering Studies	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Two weeks over two years strongly recommended	Wodonga TAFE
<b>FURNITURE MAKING</b> MSF20516 Certificate II in Furniture Making Pathways	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Two weeks over two years strongly recommended	Wodonga TAFE
<b>HAIRDRESSING</b> SHB20216 Certificate II in Salon Assistant	1 - 2 Only		<b>Required</b> Minimum one week	A.I.E.T.
<b>HOSPITALITY</b> In first year SIT20316 Certificate II in Hospitality. In second year Statement of attainment toward SIT20416 Certificate II in Hospitality (Kitchen Operations) Both Commercial Cookery and Food & Beverage streams offered for second year students	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	At least 10 days plus catering for functions in Units 1&2 (in and out of school hours during the operation of the school restaurant "Pepper")	Riverina TAFE
<b>INFORMATION TECHNOLOGY NETWORKING</b> ICA 30115 Certificate III in Information, Digital, Media & Technology	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Optional	Riverina TAFE
<b>INTEGRATED TECHNOLOGIES</b> (Electro-technology) – 22289 VIC Certificate II in Integrated Technologies	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Optional	Wodonga TAFE
<b>LABORATORY SKILLS</b> MSL30116 Certificate III in Laboratory Skills	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Optional	T.B.A.
<b>LOGISTICS</b> TLI21610 Certificate II in Warehousing Operations	1 - 2 Only		Optional	T.B.A.

# VET SUBJECT LIST

VET QUALIFICATION	VCE Units	ATAR score	Work Placement Requirements	RTO
<b>CREATIVE AND DIGITAL MEDIA</b> CUA31015 Certificate III in Screen and Media	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Optional	Riverina TAFE
<b>MUSIC INDUSTRY</b> CUA30915 Certificate III in Music Industry (Sound Production)	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	Optional	College of the Arts
<b>RETAIL OPERATION</b> Statement of Attainment – SIR20216 Certificate II in Retail Services	1 - 2 Only		Strongly Recommended	T.B.A.
<b>SPORT &amp; RECREATION</b> SIS30115 Certificate III in Sport & Recreation Three areas of study. AFL/Soccer/General	1 - 4	Scored Assessed Subject with external exam. Can count as one of a primary four subject.	80 hours over two years of course.	I.V.E.T.

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# ALLIED HEALTH

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## **ALLIED HEALTH – Certificate III**

Subject Fee: \$ 40 approx.  
First Aid – Level 2: \$ 90 approx.

### **VET Qualification**

Students who complete units of study are entitled to a Certificate III in HLT33015 Allied Health Assistance.

### **Course Description**

Allied Health engages young people in the diverse options available in community health environment. Allied Health assistance is an emerging and growing career option in both public and private practice.

### **Some Units in the Course**

1. Use basic medical terminology
2. First Aid Level Two
3. Support the care of patients
4. Recognise healthy body systems in a health care context

### **Pathways**

The program may lead to further Qualifications in the Health Services Industry such as Certificate IV in Allied Health Assistance and Industry employment opportunities such as Therapy Assistant, Podiatry Assistant and Physiotherapy Assistant.

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# ANIMAL STUDIES

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## **ANIMAL STUDIES – Certificate II**

Subject Fee: \$260 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for in ACM20110 Certificate II in Animal Studies.

### **Course Description**

The Certificate II in Animal Studies course is a prevocational course designed to provide general theoretical training in animal care, leading to career opportunities in the animal care industry and provides a foundational knowledge for related studies.

### **Some Units in the Course**

1. Monitor and maintain health of companion animals
2. Provide basic first aid for animals
3. Assist with food preparation
4. Assist with general animal care
5. Work in the animal care industry

### **Pathways**

Completion in this course will give direct credits into Certificate III in Companion Animal Services and Certificate IV in Veterinary Nursing. Work in Animal Boarding, Grooming and Pet Retail, Animal Shelters and Animal Technology.

## **APPLIED FASHION DESIGN TECHNOLOGY – Certificate II**

Subject Fee: \$ 80 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of MST20616 Certificate II in Applied Fashion Design Technology.

### **Course Description**

This two year course aims to provide students with an introductory overview of fashion design.

### **Some Units in the Course**

1. Apply quality standards
2. Use a sewing machine
3. Design and produce a simple garment
4. Identify fibres and fabrics
5. Identify design process for fashion designs

### **Pathways**

**Employment:** This program provides entry level training for working in the fashion/clothing industry in a manufacturing organisation, a small business or in self-employment.

## **APPLIED LANGUAGE: Certificate II INDONESIAN and/or MANDARIN**

Subject Fee: \$ 30 approx.  
Online Software: \$ 40 (Language Perfect Subscription)

### **VET Qualification**

Students who successfully complete this course are eligible for the award of 10297NAT Certificate II in Applied Language. Certificate III may be offered in the second year.

### **Course Description**

These courses teaches you practical communication skills, both spoken and written for work, business, trade and social situations. There is also an emphasis on the close relationship between language and culture.

### **Pathways**

Indonesian and Mandarin language skills can be an advantage in the tourism and hospitality industries, government departments, community services, health and in business and industry.

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# AUTOMOTIVE

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## **AUTOMOTIVE - Certificate II**

Subject Fee: \$ 90 approx.  
Module Workbooks: \$ 80 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of AUR20716 Certificate II in Automotive Vocational Preparation.

### **Course Description**

Students who chose Certificate II in Automotive Vocational Preparations AUR20716 will gain a basic knowledge of diagnostics and repairs in the school well equipped workshop. Some topics covered in this course include electrical and cooling systems, cylinder head and engine reconditioning, driveline/transmission, fuel systems, steering, suspension and tyre fitting.

### **Some Units in the Course**

1. Fuel Systems
2. Clutch Assembly
3. Dismantle and assemble engines
4. Steering Systems

### **Pathways**

**Employment:** This program provides background knowledge and skills associated with employment in the automotive industry, e.g. motor mechanic, diesel mechanic, and panel beating.

**Tertiary Studies:** This program will qualify students with the Victorian TAFE level Certificate II in Automotive as well as the full VCE qualification. Students with these credits who gain an apprenticeship in the automotive area may have credits towards their apprenticeship qualifications.

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# BEAUTY

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## **BEAUTY - Certificate II in Retail Cosmetics**

Subject Fee/Beauty Kit: \$150 approx.  
Module Workbooks: \$ 50 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of SHB20116 Certificate II in Retail Cosmetics. Both first and second year earn level 1/2 units in the V.C.E.

### **Course Description**

Certificate II in Retail Cosmetics has been designed as a standard entry level qualification for the Beauty Industry. It applies to those wishing to develop the skills and knowledge to begin a career in the Beauty Industry

### **Some Units in the Course**

1. Design and apply make-up
2. Apply skin care products
3. Communication Skills
4. Sell products and services
5. Lash and Brow Treatments
6. Manicure

### **Pathways**

**Employment:** as a Trainee Beauty Therapist, Salon Manager, Retail Sales Assistant. Certificate III in Beauty and Certificate IV in Beauty Therapy. Diploma of Beauty, Diploma of Salon Management.

## **BUILDING AND CONSTRUCTION - (Carpentry) Part of Certificate II**

Subject Fee:	\$ 30 approx.
First Aid - Level 2:	\$ 90 approx.
White Card - OHS:	\$ 75 approx.
Project:	\$ 45 (1st Year)

### **VET Qualification**

Students who successfully complete the course are eligible for approximately two-thirds of the pre-apprenticeship 22216VIC - Certificate II in Building and Construction (Carpentry stream). A Statement of Attainment is awarded which details the modules completed.

### **Course Description**

This two year course aims to provide the knowledge and skills required to assist in gaining employment within the building and construction industry.

### **Some Units in the Course**

1. Workplace safety and environmental procedures
3. Communications for the building industry
4. Safe handling of power tools
5. Floor and wall framing

### **Pathways**

**Employment:** This program provides background knowledge and skills associated with entry level employment in the building and construction industry.

**Tertiary Studies:** This program will provide credit for approximately two-thirds of the Victorian pre-apprenticeship certificate in the respective streams.

## **EARLY CHILDHOOD – Certificate III**

Subject Fee:	\$100 (1st Year)
Subject Fee:	\$ 40 (2nd Year)
First Aid:	\$ 90 (1st year)
Textbook Hire:	\$ 28 approx.

### **VET Qualification**

Students who complete units of study are eligible for the award of CHC30113 Certificate III in Early Childhood Education and Care.

### **Course Description**

This two year course aims to provide the knowledge and skills required to assist in gaining employment within the child care industry.

### **Some Units in the Course**

1. Provide Care for Children
2. Support the development of children
3. Interact effectively with children
4. Provide Experiences to support children's play and learning

### **Pathways**

**Employment:** as a child care worker, playgroup supervisor, nanny, family day-care provider. The qualification gives credits into Diploma Studies and the Bachelor of Education.

## CIRCUS TRAINING- Certificate III

Work Books: \$ 15 approx.

### VET Qualification

Certificate III in Circus Arts - 10110NAT

This course is available to Year 11 and 12 students who are members of the Flying Fruit Fly Circus.

### Course Description

To provide specific skills and knowledge required for fitness instructors in circus training and performance at a basic level. The functions of a person with this qualification may also include assistance with the conduct of recreation activities and events, facility maintenance and general workplace operations. Increase awareness of the scope of employment in Circus Training and the Sport and Recreation Industry. Develop specific skills and knowledge to assist more qualified circus trainers.

### Some Units in the Course

1. Perform basic aerial skills
2. Perform basic on ground acrobatic skills
3. Develop fitness for performance of basic circus skills
4. Apply basic circus skills in performance

### Pathways

**Tertiary Studies:** This program will qualify students with the TAFE Level Certificate III in Circus Arts as well as VCE unit 1 – 4 qualification. Students who successfully complete the program have credit towards higher level Certificates. The program provides a firm foundation of theory and practice to assist with future diploma or degree course in the circus area.

## COMMUNITY SERVICES – Certificate II

Subject Fee: \$ 40 approx.  
First Aid - Level 2: \$ 90 approx.

### VET Qualification

Students who successfully complete the course are eligible for the award of CHC32015 Certificate III in Community Services Work.

### Course Description

This course provides entry-level training for the community work sector in the human services industry.

### Some Units in the Course

1. Prepare for work in the Community Services Industry
2. Deliver service to clients. Respond effectively to difficult or challenging behaviour

### Pathways

This program may provide an appropriate pathway into higher level qualifications, such as aged care, disability, youth work, home and community care or social work.

## **DANCE – Certificate II**

Subject Fee: \$ 45 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of CUA20113 Certificate II in Dance.

### **Course Description**

The course equips the student with information relevant to recent industry knowledge regarding safe dance, occupational health and career transition options. It will enhance skills in dance techniques as well as provide theoretical knowledge and skills to equip students to work in a variety of areas of the entertainment industry.

### **Experience in Dance**

The course is designed for students who have some experience in dance. It is highly recommended that students attend dance classes at local dance studios outside of school hours in addition to the VET classes.

### **Pathways**

This course provides a foundation for developing careers in dance and the entertainment industry in a range of areas including performance, teaching and stage management. The course can also be a stepping stone to careers in the health and fitness industries e.g. aerobics instruction, dance therapy, personal training. Certificate II in Dance articulates with some Certificate III and IV courses.

## **ELECTRICAL INDUSTRY PROGRAM – Certificate II in Electrotechnology (Career Start)**

Subject Fee: \$ 80 approx.  
First Aid - Level 2: \$ 90 approx.  
White Card - OHS: \$ 75 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of UEE22011 Certificate II in Electrotechnology (Career Start).

### **Course Description**

This two year course aims to provide knowledge and skills that will enhance employment in the electrical or related industries.

### **Some Units in the Course**

1. Use of equipment in an energy sector environment
2. Solve problems in DC circuits
3. Repair basic electronic apparatus faults by replacement of components

### **Pathways**

TAFE – Certificate III in the Electrical field and/or Apprenticeship.

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# ENGINEERING

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## ENGINEERING – Certificate II

Subject Fee:	\$ 70 approx.
Module Workbook:	\$ 30 approx.

### VET Qualification

Students who successfully complete the course are eligible for the award of 22209VIC – Certificate II in Engineering Studies which count towards their VCE/ATAR score as a 1 – 4 sequence.

### Course Description

This two year course aims to provide the skills, knowledge and attitudes to perform entry level roles across the four main areas of engineering- fabrication, electrical, production and mechanical.

### Some Units in the Course

1. Welding and thermal cutting 2. Engineering drawing 3. Basic fabrication techniques 4. Hand & power tools

### Pathways

**Employment:** Entry to trade apprenticeships e.g. fitting and machining, boilermaker, metal fabrication, plumbing. Employment as a trade's assistant, process worker in the metals manufacturing industry, or production worker.

**Tertiary Studies:** Certificate III, Advanced Diploma or Associate Diploma or Degree in areas such as mechanical, civil, electrical, air conditioning, computer aided drafting, metallurgy.

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# FURNITURE

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## FURNITURE MAKING - Certificate II

Subject Fee:	\$ 65 approx.
1st Year Project:	\$ 45 approx.
2nd Year Project:	\$125 approx.

### VET Qualification

Students who successfully complete the program are eligible for the award of: MSF20516 Certificate II in Furniture Making pathways.

### Course Description

This two year course aims to provide specific skills and knowledge to gain employment in the cabinet making field of the furnishing industry.

### Some Units in the Course

1. Safe practices at work
2. Making simple timber joints
3. Use hand and power tools
4. Undertake basic furniture making project
5. Assemble furnishing components

### Pathways

**Employment:** Successful completion of the course will enable a student to enter a Cabinet Making apprenticeship with advanced standing.

**Tertiary Studies:** Students may enrol in a pre-apprenticeship course and gain credit for the modules already completed. Some credit can also be achieved towards the Certificate III in Wood Machining, Furniture Polishing and Upholstery.

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# HAIR

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## HAIRDRESSING – Certificate II

Subject Fee: \$200 approx.  
Module Workbook: \$ 50 (1st Year)

### VET Qualification

Students who successfully complete the course are eligible for the award of SHB20216 Certificate II in Salon Assistant. Both first and second year VET Hairdressing earn level 1/2 units in the V.C.E.

### Course Description

This two year course aims to provide an introduction to the Hair and Beauty industry. The second year of this course is for students who want to gain employment in a Hairdressing industry.

### Hairdressing: – Salon Skills

Students will: gain an overview of the hairdressing industry and understanding of how to perform a range of Hairdressing tasks such as: Perform basic application of hair colour and removal, perform basin skills, dry hair to shape and massage techniques.

### Pathways

**Employment:** hairdressing apprenticeship, salon assistant, Certificate III and IV in Hairdressing.

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# HOSPITALITY

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## HOSPITALITY - Certificate II

Subject Fee: \$200 (1st Year  
Includes Hat/Apron)  
Food and Beverage: \$250 (2nd Year  
Includes RSA)  
Commercial Cookery: \$250 (2nd Year)

### VET Qualification

Students who successfully complete first year are eligible to receive a SIT20316 Certificate II Hospitality. Students who successfully complete second year Commercial Cookery are eligible to receive a SIT20416 Certificate II in Kitchen Operations. Students who successfully complete second year Food and Beverage will receive a statement of attainment and their RSA certificate.

### Course Description

This course gives students a formal TAFE qualification, which provides access to a range of potential career paths within the hospitality industry, including work in a cafe, sandwich bar or formal restaurant setting.

### Pepper: (College Restaurant)

In Second Year – Students Studying Food and Beverage or Commercial Cookery are required to undertake several service periods in the school restaurant.

### Pathways

**Employment:** This course provides background knowledge and skills associated with employment in the hospitality industry.

**Tertiary Studies:** This course will give students credit towards certificate III in Hospitality and Certificate III in Kitchen Operations. Students are eligible for an ATAR score on completion of these courses.

## **INFORMATION TECHNOLOGY NETWORKING - Certificate III**

Subject Fee: \$ 90 approx.

### **VCE Qualification**

Students who complete ICT30115 Certificate III in Information, Digital Media and Technology (partial completion) will be eligible for up to two units of credit at Units 1 and 2 level, and a Units 3 and 4 sequence. Scored assessment will be based on the Units 3 and 4 sequence of Program 2, partial completion of ICA 30115 Certificate III in information and Communications Technology.

### **Course Description**

The four semester program is designed to provide students with the knowledge and skills to achieve competencies which will enhance their employment prospects in Information and Communication Technology and related industries, such as Network Administration.

### **Some Units in the Course**

1. Install & optimise network operating systems
2. Run standard diagnostic tests
3. Provide basic system administration

### **Pathways**

**Employment:** The program provides skills and experience for entry level employment in the Information Technology industry.

**Tertiary Studies:** This program provides a solid foundation of theory and practice for further study at Certificate IV, Diploma or industry certified curricula such as MCSE courses.

## **INTEGRATED TECHNOLOGIES (ELECTROTECHNOLOGY) – Certificate II**

Subject Fee: \$ 80 approx.

### **VET Qualification**

Students who successfully complete the course are eligible for the award of 22289VIC – Certificate II in Integrated Technologies

### **Course Description**

This two year course aims to provide participants with broad based knowledge and skills in a range of electrotechnology fields. Enhance prospects of entry level employment into the electrotechnology field.

### **Project Based Approach**

The course integrates a project based approach and workbook exercises. Students produce a number of projects over the two years of the course. The projects incorporate elective units from at least two different specialisations. The specialisations are: 1. Energy generation 2. Robotics and Embedded Controllers

### **Some Units in the Course**

1. Install and test a home entertainment system
2. Build a small wireless LAN
3. Assemble and connect an extra low voltage battery power source
4. Construct and configure a basic robotic system

### **Pathways**

**Employment:** in the electronics and information communications industries.

## LABORATORY SKILLS – Certificate III

Subject Fee: \$ 60 approx.

### VET Qualification

The course is structured in 4 Semester Units which relate to a theme. Students receive a Statement of Attainment for the units they complete. Students who successfully complete the 4 Semesters are eligible for the award of Certificate III in Laboratory Skills.

### Course Description

This certificate provides the opportunity to investigate, collect and analyse data about topics of pressing importance to our local community. At the same time participants develop hands-on laboratory skills.

### Project Based Approach

Students will be involved with projects which will involve fieldwork and laboratory work.

### Pathways

**Employment:** This program provides background knowledge and skills associated with employment in a laboratory

**Tertiary Studies:** The program provides a firm foundation of theory and practice to assist with future diploma or degree course in the science.

## LOGISTICS – Certificate II

Subject Fee: \$ 70 approx.  
Resource Cost: \$ 70 approx.

### VET Qualification

Students who successfully complete the course are eligible for a Certificate II in Warehousing Operations.

### Course Description

This course aims to provide participants with the skills and knowledge to gain employment in the rapidly expanding transport and logistics industry.

### Some Units in the Course

1. Operate forklift
2. Apply customer service skills
3. Participate in Workplace Communication

### Pathways

**Employment:** This program provides background knowledge and skills for entry-level employment in the logistics industry.

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## MULTIMEDIA

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### **MULTIMEDIA (Creative and Digital Media) - Certificates II and III**

Subject Fee: \$ 40 approx.  
Student Folio: \$ 45 approx.

#### **VET Qualification**

Students who successfully complete the course eligible for the award of CUA31015 Certificate III in Screen and Media

#### **Course Description**

The Multimedia course is based on obtaining skills to use appropriate software and hardware to produce multimedia products incorporating photographs, film, text, sound, graphics, animation and web pages.

#### **Project Based Approach**

The course integrates a project based approach and workbook exercises. Over the two years students have the opportunity to produce digital videos, web sites, photographic montages, flash animations and graphic designs. In these contexts students will learn to use the following software:

1. Adobe Creative Suite
2. Microsoft Office Suite
3. 3D Software

#### **Pathways**

**Employment:** This program provides background knowledge and skills associated with employment in the multi-media industry. This includes TV stations, graphic design studios, printers, IT vendors, Internet service providers, companies which develop and update websites, animation studios and game developers.

**Tertiary Studies:** The Screen and Media certificate articulate directly into other national qualifications in the film, TV, and radio training packages.

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## MUSIC INDUSTRY

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### **MUSIC INDUSTRY (Sound Production) - Certificate III**

Subject Fee: \$ 56 approx.  
Online Workbook Access: \$ 60 approx.

#### **VET Qualification**

Students who successfully complete the course are eligible for the award of CUA30915 Certificate III in Music Industry (Sound Production).

#### **Course Description**

This two year course aims to provide students with the skills to maximize their success as artists, technicians or business operators in the music industry. This training program is based on contemporary music that young people enjoy and is driven by the music industry.

#### **Some Units in the Course**

1. Develop and update Music Industry knowledge
2. Install, align and test sound equipment
3. Plan, prepare and perform for a demo recording
4. Edit sound using digital systems.

#### **Pathways**

**Employment:** This program provides background knowledge and skills associated with employment and self-employment in the music industry.

**Tertiary Studies:** This program will qualify students with the TAFE level Certificate III in Music Industry as well as the full VCE qualification. Attainment of these awards can lead a student through to degrees and diplomas in Performance, Business and Technology at the tertiary level. Some universities and TAFE institutions are now offering 18 customised courses.

## RETAIL SERVICES - Part of Certificate II

Subject Fee: \$ 40 approx.

### VET Qualification

Students who successfully complete the course are eligible for a statement of attainment SIR20216 Certificate II in Retail Services. This qualification is widely used in retail traineeships.

### Course Description

This one year course provides an understanding of the retail industry and allows students to develop practical skills through on the job training at local workplaces.

### Some Units in the Course

1. Communicate in the workplace 2. Engage with customers 3. Use business technology 4. Produce visual merchandise displays.

### Pathways

**Employment:** in the retail industry. Tertiary Studies: Students completing the course will gain credit towards Certificate III in Retail Services and have advanced standing in a retail traineeship.

**Tertiary Studies:** Further study options are available at TAFE and University in areas such as retail, business management, marketing, arts, visual merchandising

## SPORT AND RECREATION – Certificate III - AFL

Work Book: \$125 approx.  
First Aid - Level 2 (compulsory): \$ 90 1st year  
Polo Shirt: \$ 50 (Optional)

### VET Qualification

Students who successfully complete the course are eligible for the award of SIS30115 Certificate III in Sport and Recreation.

### Course Description

The VET AFL course is offered with the support and help of the Murray Bushrangers Football Club in conjunction with AFL Victoria. The most advanced techniques in training, fitness and video analysis are used to further advance the athletes' football ability ensuring that full potential is met. Students are given a broad scope of football experiences enabling them to pursue a career or continue a strong involvement in the code.

### Some Units in the Course

1. Coaching accreditation – Level 1 Auskick
2. Officiating – AFL Umpiring accreditation
3. Drugs in Sport
4. Knowledge of the Football Industry
5. Fitness Training
6. Level 2 First Aid

### Pathways

**Employment:** This program provides background knowledge and skills for entry-level employment areas such as sports coaching and the fitness industry.

**Tertiary Studies:** Students who successfully complete the program have credit towards Certificate IV in Recreation. The program provides a firm foundation of theory and practice to assist with future diploma or degree course in the sport area.

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# SPORT & RECREATION

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## **SPORT AND RECREATION – Certificate III - General**

Work Book: \$125 approx.  
First Aid - Level 2 (compulsory): \$ 90 1st year  
Polo Shirt: \$ 50 (Optional)

### **VET Qualification**

Students who successfully complete the course are eligible for the award of SIS30115 Certificate III in Sport and Recreation.

### **Course Description**

This course aims to provide specific skills and knowledge in the following focus areas - sport  
Increase awareness of the scope of employment in the Sport and Recreation Industry. Develop specific skills and knowledge in coaching and the organisation of sporting events.

### **Some Units in the Course**

1. Coaching accreditation
2. First Aid Level II/ Sports Injury Management
3. Officiating accreditation
4. Work placement with Primary School Sport.
5. Conduct a sport & recreation session
6. Knowledge of the Sport and Recreation Industry

### **Pathways**

**Employment:** This program provides background knowledge and skills for entry-level employment areas such as sports coaching and the fitness industry.

**Tertiary Studies:** Students who successfully complete the program have credit towards Certificate IV in Recreation. The program provides a firm foundation of theory and practice to assist with future diploma or degree course in the sport area.

## **SPORT AND RECREATION – Certificate III - Soccer**

Work Book: \$125 approx.  
First Aid - Level 2: \$ 90 1st year  
Polo Shirt: \$ 50 (Optional)

### **VET Qualification**

Students who successfully complete the course are eligible for the award of SIS30115 Certificate III in Sport and Recreation.

### **Course Description**

The VET Soccer course is offered with the support and help of the Albury Wodonga Football Association in conjunction with Football Federation Victoria. The most advanced techniques in training, fitness and video analysis are used to further advance the athletes' soccer ability ensuring that full potential is met.

### **Some Units in the Course**

1. Grassroots Coaching Certificate
2. Knowledge of the Soccer Industry
3. Drugs in Sport
4. Officiating – Level 4 refereeing license
5. Level 2 First Aid/ Sports Injury Management

### **Pathways**

**Employment:** This program provides background knowledge and skills for entry-level employment areas such as sports coaching and the fitness industry.

**Tertiary Studies:** Students who successfully complete the program have credit towards Certificate IV in Recreation. The program provides a firm foundation of theory and practice to assist with future diploma or degree course in the sport area.

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# AUSTRALIAN SCHOOL BASED APPRENTICESHIPS

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Australian School Based Apprenticeships (Traineeships) are becoming an important part of the curriculum for Year 10, 11 and 12 students. Some examples of School Based Apprenticeships are:

- Hospitality at the Commercial Club, Albury,
- Automotive (Heavy Vehicle) at Twin City Trucks, Wodonga
- Business Traineeship with ANZ Bank

## How does it operate?

The student works as a paid employee (trainee rates) for the host employer under an agreement between the student, the employer and an Apprenticeship Centre such as ATEL or VECCI.

The placement normally takes place during one school day and at other times as agreed. The student is also enrolled at TAFE or another training organization. They will be assessed on the job by the training organisation and may:

- Do study at the TAFE.
- Have work provided by the TAFE to be completed in their own time.

## How does it fit into the VCE?

When the required assessments are completed, the school-based apprenticeship can count as unit 1/2 or 3/4 level units, depending on the certificate studied. It takes the place of one VCE subject.

## What does the student gain?

- Paid employment and training in the chosen area of work
- A nationally recognized TAFE level Certificate
- As stated above, credit towards completing VCE or VCAL
- Credit towards an apprenticeship for those who go on to one

## How does it affect other classes?

The student's timetable is organized to allow the work placement to take place. This may mean selecting VCAL or studying one less VCE subject.

## Who can do it?

Students in year's 10, 11 or 12 who have turned 15 with at least 12 months remaining at school.

Examples of certificates available as school-based apprenticeships

A wide range of other certificates have been enrolled in by our students. These include:

Automotive-Electrical  
Hairdressing

Automotive-Heavy Vehicle  
Carpentry

Mobile Equipment  
Local Government

## NOTE: A caution with school-based apprenticeships

The School cannot guarantee that any student who would like to do a School-Based Apprenticeship can do **one**. It is a paid employment and must be applied for the same as any job. Students must remain at school while completing an SBA.

## To commence a School Based Apprenticeship it requires an employer who:

1. Is prepared to employ a student Part-Time on a trainee wage; and
2. Selects a student who may be competing with other students for the position

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# PATHWAYS & CAREERS

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## Pathways from School to TAFE to Higher Education

### What is a TAFE to University pathway?

A TAFE to University pathway is a series of approved links that enables students to move between courses. Many Wodonga Senior Secondary College subjects link to TAFE pathways and then on to higher education (university).

Students are able to complete VET subjects at school and then articulate to a TAFE (e.g. Riverina TAFE or Wodonga TAFE) with entry into a higher certificate/diploma within a pathway. Because the VET certification system is national, credit is given to all units successfully completed at Wodonga Senior Secondary College or Wodonga TAFE that articulate into higher education (university) courses.

### Advantages of a TAFE to University Pathway

A school to TAFE to university pathway has many advantages:

- Gives students practical 'hands-on' experience
- Provides a gradual entrance to university
- Is an opportunity to study locally
- Enables students to gain qualifications in vocational and higher education
- Provides various exit points after completing a certificate or diploma
- Reduces the cost of achieving a degree

### Examples of Articulated Pathways

- **From school to TAFE:** A Certificate III in Early Childhood Education and Care done at school leads into certificate IV and Diploma in Early Childhood Education & Care at TAFE
- **From TAFE to University:** A Diploma of Nursing at Wodonga TAFE leads into a Degree in Nursing at Latrobe University. In fact students are dual enrolled at the start of their Wodonga TAFE Nursing Course with Nursing at La Trobe University.

### Subject Selection and Career Pathways

Whilst the subject selection process can cause some anxiety for students and parents, it is important to maintain a sense of perspective. When selecting your program, consider the following:

- Personal interest and ability
- Prerequisite subjects for tertiary courses
- Teacher advice
- Advice from University or TAFE advisors and people working in the area you wish to pursue

### What else do you need to know?

For information about jobs and training or further study, [www.joboutlook.gov.au](http://www.joboutlook.gov.au) is helpful. For information about prerequisites for tertiary study, The VTAC Guide, at [www.vtac.edu.au](http://www.vtac.edu.au) is helpful. For Victoria, NSW and ACT the VTAC (Victorian Tertiary Admissions Centre) course search is also very useful.

### Year 10 Subject Selection

- Remember that whatever you do now will not lock you into any subjects in Year 11 or Year 12
- If you do not want to think about it too much now, that is OK because it will come up again in Pathways activities in Year 10 when you look at Careers during Graduate Program

# POSSIBLE CAREER PATHWAYS

## Useful Subjects for Possible Career Pathways

This table offers some guidance in subjects that may be:

- Interesting for students who are interested in a certain course or career path
- Useful for students interested in a course or career path
- A pre-requisite for a student to enter a course. To be sure of University pre-requisites students should check the VTAC website (Victoria) or the UAC website (NSW and ACT). For TAFE pre-requisites, go to the website of the TAFE in question.

<b>Accounting, Financial Services, Administration and Human Resources Industries</b>	
Accountant, Finance Broker	Accounting, Business Management, Legal Studies, Maths Methods or General Maths
Human Resource Manager	Business Management, Legal Studies, Accounting, Maths Methods or General Maths
Office Manager	Business Management, Accounting
<b>Advertising, Media and Public Relations</b>	
Advertising and marketing professional	Literature, Media, VET Multimedia,
Film, TV, Radio and Stage Director	Drama, Theatre Studies
Public relations professional	Literature, Media, VET Multimedia
<b>Arts and Entertainment</b>	
Actors, Dancers and other entertainers	Drama, Theatre Studies, Music Performance, Music Styles and Composition, VET Music Industry (Sound Production)
Authors, book and script editors	Literature, English Language, Computing
Performing Arts Technicians	Theatre Studies, VET Music industry (Technical Production)
Photographer	Studio Arts (Photography), Media, Visual Communication and Design, VET Multimedia, Art
<b>Construction, Architecture and Design, Automotive</b>	
Architect and Landscape Architect	Visual Communication and design, Art, Maths Methods or General Maths
Bricklayer	VCAL, Maths Methods or General Maths, VET Building and Construction
Cabinetmaker	VCAL, Maths Methods or General Maths, VET Furniture Making, VET Building and Construction,
Builder/Carpenter	VCAL, Maths Methods or General Maths, VET Building and Construction, VET Furniture Making, Business Management
Electrician	VCAL, Maths Methods or General Maths, VET Building and Construction, VET Electrical industry Program, VET Electrotechnology, Business Management
Plumber	VCAL, Maths Methods or General Maths, VET Building and Construction
Automotive Electrician	VCAL, Maths Methods or General Maths, VET Electrical Industry Program, VET Electrotechnology
Motor Mechanic	VCAL, Maths Methods or General Maths, VET Automotive, VET Engineering, VET Electrotechnology

# POSSIBLE CAREER PATHWAYS

<b>Education and Training</b>	
Early Childhood (pre-primary) Teacher	VET Early Childhood Education, Health and Human Development
Primary School Teacher	Maths Methods or General Maths, Any English, Drama, Environmental Science, Health and Human Development, any Music, Outdoor and Environmental Studies, Philosophy, Psychology, Studio Arts, Sociology
Secondary School Teacher	English, VCE studies relevant to the method areas that the student will study at University and teach in eg. Health and Physical Education method: Physical Education, Biology, Health and Human Development, Maths Methods or Further Maths
<b>Electrical, Electronics and Engineering</b>	
Electrician	VCAL, Maths Methods or General Maths, VET Building and Construction, VET Electrical industry Program, VET Electrotechnology, Physics
Electronics and Telecommunications worker	VCAL, Maths Methods or General Maths, VET Building and Construction, VET Electrical industry Program, VET Electrotechnology, VCE Physics
Engineer: Civil	Maths Methods, Specialist Maths, Physics, Chemistry, Visual Communication and Design
Engineer: Electrical, Electronic, Mechanical, Mechatronics, Production	VCAL, Maths Methods or General Maths, VET Building and Construction, VET Electrical industry Program, VET Electrotechnology, VET Engineering, Materials and Technology, Product Design and Technology, Systems Engineering, Computing, Physics
Metal fitter and machinist	VCAL, VET Engineering, Maths Methods or General Maths, Materials and Technology, Physics
<b>Health and Community Services</b>	
Nurse eg. Registered Nurse, midwife,	Maths Methods or General Maths, VET Allied Health, VET Community Services, Health & Human Development, Physical Education, Biology, Sociology
Child Carer	VET Community Services, VET Early Childhood Education, Health and Human Development
Doctor eg. General Practitioner, Surgeon	Maths Methods, Specialist Maths, Chemistry, Biology, Health and Human Development
Aged Care or Disabled Carer	VET Allied Health, Health and Human Development, Biology, Physical Education
Medical Imaging Professional	Maths Methods, Physics, Biology, Chemistry
Medical Laboratory Scientist	Maths Methods, Physics, Chemistry, Biology
Social Worker	Legal Studies, Sociology, Psychology, Health and Human Development, VET Community services
Speech Pathology and Audiologist	Maths Methods or General Maths, Biology, Health and Human Development, Psychology, Chemistry, Physical Education
Physiotherapist, Occupational Therapist, Podiatrist	Maths Methods or General Maths, Chemistry, Physics, Biology, Psychology, Health and Human Development, Physical Education, VET Allied Health

# POSSIBLE CAREER PATHWAYS

<b>Hospitality, Food Services, and Tourism</b>	
Baker and Pastrycook	VET Hospitality, Food and Technology
Bar Attendant, Barista, Waiter	VET Hospitality, Food and Technology
Café and Restaurant Manager	VET Hospitality, Food and Technology, Business Management, Computing, Accounting
Chef, cook, fast food cook	VET Hospitality, Food and Technology
Travel Agent, Events Management	Business Management, VET Hospitality
<b>Information and Communication Technology Industry</b>	
Database Administrator	Maths Methods or General Maths, Computing
Security and Network Administration	Maths Methods or General Maths, Computing, VET Networking
Programmer (Games, Apps, Web)	Maths Methods, General Maths, Computing
Designer (Games, Web, Video, Animation, Image)	VET Multimedia, Media, Studio Arts, Visual Communication and Design
<b>Legal, mining and energy Industries</b>	
Barrister or Solicitor	Legal Studies, Literature, Maths Methods, History
Chemical, Gas, Petroleum and Power Generation Plant Operator	VCAL, Maths Methods or General Maths, Automotive, Engineering, Electrotechnology, Electrical Industry Program, Computing, Physics, Chemistry
Geologist and Geophysicist	Maths Methods, Chemistry, Physics, Biology, Computing
<b>Personal Services Industry, sport and recreation</b>	
Beauty Therapist	VCAL, VET Beauty, VET Hairdressing
Fitness Instructor	VET Sport and Recreation, Physical Education, Health and Human Development, Biology, VCAL
Massage Therapist	Biology, Health & Human Development, VET Allied Health
Hairdresser	VCAL, VET Beauty, VET Hairdressing
Sports Coach, Instructor or Official	VET Sport and Recreation, Physical Education, Health and Human Development, Biology, VCAL
<b>Sales and Retail Industry</b>	
Advertising and Sales Manager	Visual Communication and Design, Media, VET Multimedia, Studio Arts, Drama
General/ Pharmacy Sales Assistant	VET Retail Operations, Chemistry
Transport and Logistics Worker	VET Logistics
<b>Science related Industries</b>	
Medical Laboratory Scientist	Maths Methods, Physics, Chemistry, Biology
Surveyor / Spatial Scientist	Maths Methods or General Maths, Visual Communication and Design
Environmental Scientist	Maths Methods, Physics, Chemistry, Biology, Environmental Science, Outdoor and Environmental Studies
Veterinarian	Maths Methods or General Maths, Physics, Chemistry, Biology, VET Animal Studies
Veterinary Nurse	Maths Methods or General Maths, VET Animal Studies, Biology

# PLANNING MY PROGRAM

## Possible VCE Program

Year 10	Unit 1 & 2	Unit 3 & 4
Graduate Program	Graduate Program	Graduate Program
<b>Choose 1</b> English Advanced English	<b>Choose 1</b> English English Language Literature	<b>Choose 1</b> English English Language Literature
<b>Choose 1</b> Humanities Advanced Humanities	<b>Choose 1</b> General Maths Methods Foundation Maths	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1</b> Maths Advanced Maths	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1</b> Science Advanced Science	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose Unit 1 &amp; 2 Elective</b> _____	

## Possible VCAL Program

Year 10	Unit 1 & 2	Unit 3 & 4
Graduate Program	Graduate Program	Graduate Program
<b>Choose 1</b> English Advanced English	<b>Choose 1</b> VCAL Literacy English English Language Literature	<b>Choose 1</b> VCAL Literacy English English Language Literature
<b>Choose 1</b> Humanities Advanced Humanities	<b>Choose 1</b> VCAL Numeracy Foundation Maths General Maths Methods	<b>Choose 1</b> VCAL Numeracy Further Maths Methods
<b>Choose 1</b> Maths Advanced Maths	VCAL Personal Development	VCAL Personal Development
<b>Choose 1</b> Science Advanced Science	VCAL Work Skills	VCAL Work Skills
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose 1 VET Elective</b> _____	<b>Choose 1 VET Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose 1 VET or VCE Elective</b> _____	<b>Choose 1 VET or VCE Elective</b> _____

# PLANNING MY PROGRAM

## Possible VCE Program

Year 10	Unit 1 & 2	Unit 3 & 4
Graduate Program	Graduate Program	Graduate Program
<b>Choose 1</b> English Advanced English	<b>Choose 1</b> English English Language Literature	<b>Choose 1</b> English English Language Literature
<b>Choose 1</b> Humanities Advanced Humanities	<b>Choose 1</b> General Maths Methods Foundation Maths	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1</b> Maths Advanced Maths	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1</b> Science Advanced Science	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose Unit 1 &amp; 2 Elective</b> _____	<b>Choose Unit 3 &amp; 4 Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose Unit 1 &amp; 2 Elective</b> _____	

## Possible VCAL Program

Year 10	Unit 1 & 2	Unit 3 & 4
Graduate Program	Graduate Program	Graduate Program
<b>Choose 1</b> English Advanced English	<b>Choose 1</b> VCAL Literacy English English Language Literature	<b>Choose 1</b> VCAL Literacy English English Language Literature
<b>Choose 1</b> Humanities Advanced Humanities	<b>Choose 1</b> VCAL Numeracy Foundation Maths General Maths Methods	<b>Choose 1</b> VCAL Numeracy Further Maths Methods
<b>Choose 1</b> Maths Advanced Maths	VCAL Personal Development	VCAL Personal Development
<b>Choose 1</b> Science Advanced Science	VCAL Work Skills	VCAL Work Skills
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose 1 VET Elective</b> _____	<b>Choose 1 VET Elective</b> _____
<b>Choose 1 Yr.10</b> Elective_____	<b>Choose 1 VET or VCE Elective</b> _____	<b>Choose 1 VET or VCE Elective</b> _____

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# NOTES

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***EVERY STUDENT, EVERY OPPORTUNITY, SUCCESS FOR ALL***

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*Department of Education and Early Childhood Development*