

WODONGA SENIOR SECONDARY COLLEGE COURSE SELECTION HANDBOOK 2015



EVERY STUDENT, EVERY OPPORTUNITY, SUCCESS FOR ALL

ADDRESS: 69 WOODLAND STREET, WODONGA, 3690

PHONE: 02 6043 7500

FAX: 02 6024 2937

WEBSITE: www.wssc.vic.edu.au

EMAIL: seniorcollege@wssc.vic.edu.au

CRICOS Provider Code: 00861K

Department of Education and Early Childhood Development



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 each of our students. We look forward to working with each and every one of you.

*Vern Hilditch
Principal*

CONTENTS

Principal's Message	1
Fees and Levies	3
Excellence Programs	4
Year 10 Studies List	5
Year 10 Course Descriptions	
Arts – Performing & Visual	6
English	8
Health & Physical Education	9
Humanities	10
Language Other Than English (LOTE)	10
AVID Personalised Learning	10
Mathematics	11
Science	12
Information Technology	12
Technology	14
VCE Studies List	17
VCAL Explained	18
VCE Course Descriptions	
Arts – Visual & Performing	19
English	25
Health & Physical Education	27
Humanities	28
Language Other Than English (LOTE)	31
Mathematics	32
Sciences	34
Technology	37
Vocational Education and Training (VET)	
VET Explained	40
VET Courses available	41
VET Course Descriptions	43
Articulated Pathways, Wodonga TAFE	59
Sample course selections	61
Blank course selections	62
Notes	63

FEES AND LEVIES

All students are asked to pay the general levy. This levy covers essential materials in core subject areas such as; English, Maths, Science & Humanities to support the course of instruction in a standard curriculum program.

VET subjects, Food, Technology, Drama, Theatre Studies, Visual Arts, Sport and Outdoor Education require additional payments from parents on a user-pays basis. The subject fee applicable to each subject is listed in the handbook. This fee is based on the 2014 year which may be changed depending on the number of students enrolled in the subject.

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

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.

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, BPay, EFTPOS facilities and phone credit payments are available.

NB: Subjects run based on numbers of students selecting them. There is no guarantee that all subjects described in this Handbook, will run in 2015.

WODONGA SENIOR SECONDARY COLLEGE EXCELLENCE PROGRAMS

These programs support our aim to provide students with access to leadership and co-curricula activities as we focus on preparing young people for their roles as active and responsible citizens. They are available to students entering Years 10 and 11.

The core principle of these programs is to aim for excellence in all aspects of life in order to achieve your goals.

EXCELLENCE IN SPORT - SOCCER, AFL FOOTBALL, GENERAL AND CIRCUS

These programs provide opportunities for young sportsmen and women to pursue more intensive sport orientation whilst maintaining an academic and/or vocational program.

Excellence in Sport Programs involve students in the following:

- Studies in VET Sport and Recreation with a specialisation in their field (there will be a specific classes for Australian Rules Football, Soccer and general sport)
- Studies in VCE Physical Education
- Options to undertake either the VCE or VCAL program
- Field experience in coaching, administration, officiating, fitness training, participation and competition
- Opportunities to undertake traineeships with sporting organisations such as the AFL
- Partnerships with elite sporting organisations and skill development clinics including the Murray Bushrangers, AFL Victoria and Football Federation Victoria
- Modification of study programs where appropriate to support student training and participation in elite sporting competitions

ADVANCED MATHS / SCIENCE COURSE

HOT Maths – Annual Subscription:	\$ 28	OR	Part of Year 10 Book Hire
Excursions:	\$ 75 (approx.)		
Maths & Science Competitions:	\$ 35 (approx.)		

This course is designed for students with an interest in pursuing Mathematics and Science at higher levels. It is a one-year alternative program replacing their Core Year 10 classes with Advanced level Maths and Science. The course explores the overlap between scientific and mathematical concepts in greater depth, giving students a broader perspective for future scientific and mathematical studies. Note: Academic entry criteria apply to this subject.

ADVANCED ENGLISH / HUMANITIES COURSE

English Text Purchase:	\$ 20 (approx.)		
Student Workbook Purchase:	\$ 35 (approx.)		
History Textbook Purchase:	\$ 65 (approx.)	OR	Part of Year 10 Book Hire
English & Humanities Competitions:	\$ 20 (approx.)		

This program is designed for students with a strong aptitude in English and Humanities. It is a one-year alternative program replacing Core Year 10 English and Humanities classes with Advancement Studies. Advanced English / Humanities includes the study of English, 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. Students may receive credit towards a relevant VCE study in the second semester in Humanities Note: Academic entry criteria applies to this subject.

YEAR 10 STUDIES

Arts

Performing Arts

- Dance
- Drama
- Music

Visual Arts

- Art 1 & 2
- Black and White Photography
- Digital Photography
- Media
- Visual Communication semester 1 & 2

English

- Core, Semester 1 & 2

Health & Physical Education

- Health and Fitness Education
- Life Long Recreational Sports
- Outdoor Education Semester 1 & 2
- Physical Education
- Advanced Physical Education

Humanities

- Core (Semesters 1 & 2)

LOTE (Languages other than English)

- Indonesian
- Japanese
- Language other

N.B: LOTE classes will run dependent on numbers of students selecting them. A full range of LOTE subjects are available via the Victorian School of Languages (VSL), Distance Education Program and these are supported by Wodonga Senior Secondary College.

AVID – Semester 1 & 2

Mathematics

- Core, Semester 1 & 2
- Year 10 Mathematics Extension

Science

- Core, Semester 1 & 2

Information Technology

- Computers for Business
- Games Programming, Design and Development
- Robotics Programming
- Web Design and 3D Modelling

Food and Technology

- Preparing Bakery Products
- Eat Well Be Well
- Chef's Master Class
- Cook Your Way Around The World

Materials and Technology

- Materials Engineering
- Timber Studies

Systems and Technology

- Automotive Studies
- Electrotechnology

Academic Advancement Program

- Mathematics
- Science
- Humanities
- English

Excellence in Sport: (VET Sport & Rec)

select from:-

- AFL Football
- Soccer
- General
- Circus (FFCS)

YEAR 10 COURSE DESCRIPTIONS

ARTS: PERFORMING

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.

SEMESTER ONE

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

SEMESTER TWO

- Students will focus on extending their movement vocabulary, creating dance works to perform to community audiences and further developing their appreciation and understanding of dance in other cultures.

DRAMA

Subject Fee: \$ 50 per semester
Excursions: \$ 70 (approx.)

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.

SEMESTER ONE

- Students focus on developing their improvisation vocabulary; explore the process of creating role and character, and extend their expressive and performance skills.

SEMESTER TWO

- Students focus on extending their improvisation vocabulary, refine their skill development in characterisation and build on their understanding of different theatrical and dramatic forms.
- The class becomes a Theatre Company and works towards an original performance for local schools.

MUSIC

Semester One and Semester Two

This course 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 WSCC Instrumental Music Program or from private tutors.
-

ARTS: VISUAL

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

ART – SEMESTER ONE

Subject Fee: \$ 30

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

- 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.

ART – SEMESTER TWO

Subject Fee: \$ 30

Students explore a theme through the developmental process.

- Developing skills and techniques of painting and printmaking, students will build on their experiments to complete final works.
- Students will also work in the 3D Medium, using a variety of mediums including plaster, wire, clay, mosaic, wood and paper mache.
- A variety of painters, printmakers and sculptors 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

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

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.

MEDIA

Subject Fee: \$ 30

Film and Television aims to introduce students to the continuing study of the media. This course will emphasise social, technological and creative aspects of the media.

- Content includes media as communication; media production and exploring how media reflects and shapes society and culture; media issues and analysis and evaluation of media.
- Students produce print mediums and video, and analyse media production and issues.

VISUAL COMMUNICATION – SEMESTER ONE

Subject Fee: \$ 30

In this unit students are introduced to Photoshop and Illustrator through the use of online tutorials and other workshops in Photoshop painting.

- Students will develop freehand drawing and instrumental skills through the use of a range of mediums including: pen and ink, painting – acrylic/water colour/gouache, collage and mixed media.
- Students will use the digital camera to incorporate an image into a Photoshop collage.
- Skills in incorporating the design elements and principles into their visual communications will also be explored.

VISUAL COMMUNICATION – SEMESTER TWO

Subject Fee: \$ 30

Students will continue to work with Photoshop and Illustrator in producing visual designs exploring the use of the designs elements and principles.

- Students will develop freehand drawing, rendering and instrumental drawing skills through the use of a range of mediums including: pen and ink, painting – acrylic/water colour/gouache, collage and mixed media.
- Students will develop their printing techniques through printing onto T shirts.

ENGLISH

SEMESTERS ONE AND TWO

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 written and oral communication skills in the context of a range of short and longer texts including films, short stories, song lyrics, newspaper articles and novels.

- In Semester one students will undertake a detailed study of a film text and create a writing folio adopting a variety of styles for different audiences and purposes.
- Students will also undertake a close study of issues, learning to analyse visual and verbal language and to present an argument in both written and oral forms.

HEALTH AND PHYSICAL EDUCATION

HEALTH AND FITNESS EDUCATION

Students will have the opportunity to make informed decisions affecting their health and they will be introduced to the National Physical Activity Guidelines for basic health.

- Topics include goal setting, choices in life, drug education, friendships, sexual relationships and mental health.
- Activities will assist with developing knowledge of components of fitness, fitness testing, training principles and methods involving the use of the College fitness centre.

LIFE-LONG RECREATION SPORTS

Students will be introduced to recreational pursuits that they may continue throughout their life. Activities include Snooker, Fishing, Lawn bowls, Ten-Pin bowling, Croquet, Archery, Golf, Racquetball, Ultimate Frisbee, Card Games and Pilates.

- There will be 2 single period practical sessions and a single theory session where students will study participation trends and the benefits of participation in sport and recreation, as well as any rules & regulations associated with the activity they are currently undertaking.
- This subject will incur addition costs for activities and transport.

OUTDOOR EDUCATION SEMESTER ONE

Subject Fee: \$295

Activities include bushwalking, abseiling and caving, kayaking, indoor rock climbing and mountain biking. Students will also 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 and environmental awareness. Subject levy costs need to be paid for the student to remain in the subject. Outdoor Education can only be selected in Semester 1 OR Semester 2.

OUTDOOR EDUCATION SEMESTER TWO

Subject Fee: \$385

Activities include bushwalking, abseiling and caving, indoor rock climbing, cross country skiing and mountain biking. Students will also 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 and environmental awareness. Subject levy costs need to be paid for the student to remain in the subject. Outdoor Education can only be selected in Semester 1 OR Semester 2.

PHYSICAL EDUCATION

The aim of this unit is to further extend knowledge and develop skills in a range of sporting activities, fitness and movement.

- The class is designed to encourage maximum participation in a range of activities.
- This unit will involve practical and theoretical components.

ADVANCED PHYSICAL EDUCATION

This unit is recommended for students intending to undertake VCE Physical Education.

- Theory (60% of the course) includes human anatomy, energy systems, fitness components, designing of fitness programs, sports coaching and skill acquisition.
- Practical work (40% of the course) includes fitness activities and assessment, training methods and peer teaching.

HUMANITIES

Textbook Purchase: \$ 65 (approx.) **OR** Part of Year 10 Book Hire

Students in Year 10 must complete Semester 1 and Semester 2 in Humanities unless in an alternate program. Humanities involve 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 AusVELS. 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 their world under particular conditions and made meaning of it. 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.

LANGUAGES OTHER THAN ENGLISH (LOTE)

Please refer to p. 31 of this Handbook, VCE LOTE

Note:

- LOTE classes will run dependent on numbers of students selecting them.
- A full range of LOTE subjects are available via the Victorian School of Languages (VSL), Distance Education Program.
- These are supported by Wodonga Senior Secondary College.

AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

AVID is an international program dedicated to helping students achieve their goals of success in school and opening up educational opportunities after they complete secondary education.

Students will develop and reinforce attitudes, skills, and knowledge to successfully enter and complete a university preparation academic program. Students will learn and apply study skills and learning strategies to improve performance in the content areas: Note taking, outlining, writing, speaking, reading, test strategies and the use of technology to improve performance. This program continues the program begun in the Middle Years College.

Success = Rigour + Support

Students choosing AVID in 2015 will do this through their Graduate program and English class. They should choose AVID as their Graduate program selection.

MATHEMATICS

HOT Maths – Annual Subscription

\$ 28

OR

Part of Year 10 Book Hire

YEAR 10 MATHEMATICS

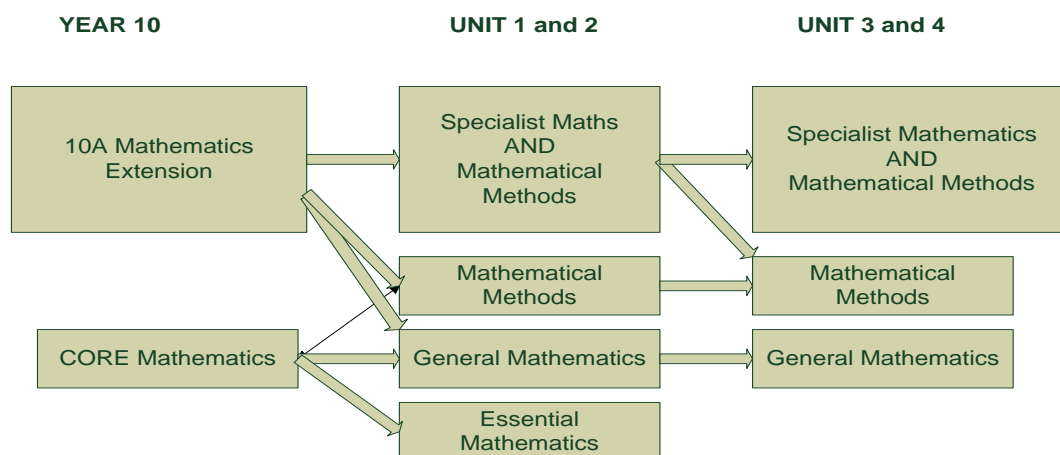
At Year 10, all students will undertake Core Mathematics for the entire year. Students wishing to study Mathematics at a VCE level in the future may opt to take an additional elective mathematics which will include extension topics relevant to both General Mathematics and Mathematical Methods. The diagram shows possible pathways beyond Year 10.

YEAR 10 CORE MATHEMATICS (10)

At Year 10 students will complete CORE Mathematics for the entire year. 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 and Geometry, and Statistics and Probability.

YEAR 10 MATHEMATICS EXTENSION (10A) - OPTIONAL

This unit provides students with the opportunity for further explore concepts covered in the CORE Mathematics subject in preparation for further study of functions, algebra, and calculus; as well as other additional content related to statistics and trigonometry. Students considering studying mathematics at a tertiary level are encouraged to complete this subject.



SCIENCE

Course Description

The science curriculum is organised around three interrelated strands. Each strand is of equal importance.

- **Science inquiry skills:** These involve posing questions, planning, conducting and critiquing investigations, collecting, analysing and interpreting evidence and communicating findings. This strand is concerned with evaluating claims, investigating ideas and solving problems, making valid conclusions and developing evidence-based arguments.
- **Science as a human endeavour:** Science influences society through the posing of, and responding to, social and ethical issues and science research is influenced by societal challenges or social priorities. This strand acknowledges that science has advanced through, and is open to, the contributions of many different people from different cultures at different times in history and that science offers rewarding career paths.
- **Science understanding:** This is evident when a person selects and integrates appropriate science knowledge in ways that explain and predict phenomena, and applies that knowledge to new situations and events. Science knowledge refers to facts, principles, laws, theories and models that have been established by scientists over time.

In Semester One, students investigate Genetics & DNA, The Periodic Table, Psychology and Global Systems & Sustainability. Semester Two looks at The Universe, Chemical Reactions, Evolution and Forces & Motion. Students will study science concepts which 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.

INFORMATION TECHNOLOGY

COMPUTERS FOR BUSINESS

SUBJECT FEE: \$40

This subject provides students with the knowledge and advanced skills to use computer applications to improve their studies and to work in a business environment. Students will learn to produce professional look reports and documents and develop advanced research skills.

- Using word to create reports, letters, resumes and applications
- Using excel to create invoices, budgets, balance sheets and reports
- Creating your brand with image editing, business cards, calendars and brochures
- Investigate what your digital foot print tells your employer

GAMES PROGRAMMING, DESIGN AND DEVELOPMENT

SUBJECT FEE: \$45

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.

ROBOTICS PROGRAMMING

SUBJECT FEE: \$120 (STUDENTS TAKE HOME 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 robot to perform real world tasks
- Students will investigate robotics in our current lives and the futures possibilities.

WEB DESIGN AND 3D MODELLING

SUBJECT FEE: \$50

This subject will develop skills in image editing, multimedia and website design. Students will work their way from basic html to using website creation tools such as wordpress. Students will develop design skills and create 3D printed models.

- Use Photoshop to develop web designs and images.
 - Develop websites with Dreamweaver
 - Investigate the use of social media for advertising and promotion
- Develop skills to create 3D design and print physical models

FOOD AND TECHNOLOGY

NB: Students taking food or hospitality classes will be required to contribute to the costs of ingredients consumed in these classes.

PREPARING BAKERY PRODUCTS

Subject Fee: \$185

In this unit, students will be able to further develop skills they already have to prepare, bake and decorate a variety of sweet and savoury food items such as cakes, biscuits, slices, breads and pastries. This would suit a student considering a career in the Bakery industry.

- Food safety.

EAT WELL BE WELL

SUBJECT FEE: \$185

This very practical course is designed to enable students to choose and prepare foods for enjoyment, health, performance and changing life styles.

- We work with foods suitable for easy everyday eating while focusing on quick, tasty and nutritious meals on a budget.
- Improved food choices through selective use of fresh and processed foods, and modification of dishes.
- Basic survival skills for when you leave home.
- Writing a budget / how much does it really cost?
- Cook foods kids love and substituting ingredients to improve nutrition while maintaining taste.

CHEF'S MASTER CLASS

SUBJECT FEE: \$185

Learn the 'tricks of the trade' from a qualified chef, to develop more advanced skills in food selection, preparation and presentation.

- Food safety.
- Students prepare a variety of foods using a range of cooking methods suitable for a formal, multi-course menu, supper, afternoon tea, birthday or other special occasion.
- The unit is intended for students who enjoy preparing food, are interested in working in the food and hospitality industry or have creative interests in this area.
- This unit is finished with a group cooking competition.

COOK YOUR WAY AROUND THE WORLD

SUBJECT FEE: \$185

This unit uses the study of food, eating habits and cuisines of other nationalities as a platform from which to encourage students to think globally and to foster in them a greater understanding and appreciation of other cultures, and the richness of our multicultural heritage.

- What place do international foods have in the Australian diet?
- Students will have opportunities to experience a wide range of cuisines and to work with associated food preparation techniques, ingredients and flavours.
- This unit is finished with an international banquet.

MATERIALS AND TECHNOLOGY

MATERIALS ENGINEERING

SUBJECT FEE: \$45

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

- This includes Safety in the workshop, Sheet metal fabrication and Basic design 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: MATERIAL CHARGE FOR PROJECTS

This unit is a project based unit and is a recommended unit for those students who wish to undertake VET Furnishing, VET Building 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.

SYSTEMS AND TECHNOLOGY

AUTOMOTIVE STUDIES

SUBJECT FEE: \$20

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 welding and fabrication, 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.
- Students who successfully complete this unit may also progress from this unit into VET Automotive Engineering or VCE Systems Engineering.

SYSTEMS AND TECHNOLOGY

YEAR 10 ELECTRONICS – BUILD AN IPOD DOCK

SUBJECT FEE: \$140 (STUDENTS TAKE HOME FINISHED PRODUCT)

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.
- Students who successfully complete this unit may be entitled to a credit toward some subjects in Certificate II in VET Electro technology. Students may also progress from this unit into VCE Systems Engineering.

VICTORIAN CERTIFICATE OF EDUCATION (VCE) AND VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)

Students in Years 11 and 12 have the choice between undertaking the Victorian Certificate of Applied Learning (VCAL) or the Victorian Certificate of Education (VCE). VCAL is an approved pathway for students not intending to undertake University Studies following Year 12. VCE is the pathway for students intending to undertake University Studies following Year 12. VCAL may be undertaken in a number of ways. See Page 18.

YOUR CHOICES IN THE VCE

* Please note that the VCE requires at least three Units of English to be passed, with university entry requiring a pass in both Units 3 and 4.

<p>VICTORIAN CERTIFICATE OF EDUCATION</p> <p>UNITS 1 to 4</p> <p>Performing Arts</p> <ul style="list-style-type: none"> -Drama -Music Performance -Music Investigation (Units 3 & 4) -Music Styles and Composition -Theatre Studies <p>Visual Arts</p> <ul style="list-style-type: none"> -Art 1 & 2 -Media -Studio Arts (General) -Studio Arts (Photography) -Visual Communication and Design <p>English</p> <ul style="list-style-type: none"> -English -English Language -Literature <p>Health and Physical Education</p> <ul style="list-style-type: none"> -Health and Human Development -Outdoor and Environmental Studies -Physical Education <p>Humanities</p> <ul style="list-style-type: none"> -Accounting(Units 1 - 4) -Business Management(Units 1 - 4) -History (20th Century) (Units 1 & 2) -History (Revolutions) (Units 3 & 4) -Legal Studies(Units 1 - 4) -Philosophy(Units 1 - 4) -Sociology(Units 1 - 4) <p>LOTE (Languages other than English)</p> <ul style="list-style-type: none"> -Indonesian -Japanese <p>NB: LOTE is dependent on class size. LOTE subjects are available via the Victorian School of Languages (VSL) and these are supported within WSSC.</p> <p>Mathematics</p> <ul style="list-style-type: none"> - General Mathematics (Units 1 - 4) - Essential Mathematics (Units 1 – 2) - Mathematical Methods for Computer Algebra System (Units 1 – 4) - Specialist Mathematics (Units 1 - 4) 	<p>Science</p> <ul style="list-style-type: none"> -Biology -Chemistry -Environmental Science -Physics -Psychology <p>Technology</p> <ul style="list-style-type: none"> -Product Design and Technology -Food and Technology -Materials and Technology (Units 1 & 2) -Information Technology (Units 1 & 4) -Systems Engineering <p>VCAL (Foundation, Intermediate, Senior)</p> <p>VET</p> <ul style="list-style-type: none"> -Allied Health -Animal Studies -Applied Fashion Design -Automotive -Beauty -Building and Construction -Business Administration -Children’s Services -Circus Training -Community Services -Multimedia -Dance -Desktop Publishing -Integrated Technology (Electro Technology) -Engineering -Furniture Making -Hairdressing -Hospitality -Information Technology Networking -Laboratory Skills -Logistics (Units 1 & 2 ONLY) -Music Industry (Technical Production) -Music Performance (Units 1 & 2 ONLY) -Retail Operations (Units 1 & 2 ONLY) -Sport and Recreation (General, AFL, & Soccer)
--	--

VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)

VCAL EXPLAINED

Work Placement Polo Shirts \$ 40 (approx.)

The Victorian Certificate of Applied Learning is an alternative to the VCE. It is designed to provide students with practical experience, 'employability' skills and personal development opportunities which help prepare them for further training in the work place or at TAFE.

There are four compulsory strands of study:

- ◆ Literacy and Numeracy skills
- ◆ Industry specific skills
- ◆ Work related skills
- ◆ Personal development skills

Students will study VCAL at one of the following levels:

- ◆ Foundation
- ◆ Intermediate
- ◆ Senior

Students enter at the level which matches their needs and abilities. A VCAL Certificate and Statement of results is awarded at the successful completion of the level chosen.

What do I study?

1. Literacy and Numeracy Skills

Students select their Literacy subject from VCE units 1-4, Foundation English or VCAL Literacy. Students select their Numeracy subject from VCE units 1-4, Foundation Maths for Trades, or VCAL Numeracy.

2. Industry Specific Skills – VET (Vocational Education and Training)

Students are required to choose industry specific units from a VET program. They need not necessarily complete a single VET Certificate and can undertake a number of units from a range of programs to gain experience in a number of vocational areas. (E.g. Automotive, Engineering, Hospitality).

3. Work Related Skills

Students choose a weekly work placement, School Based Apprenticeship or Traineeship, part time work or work experience. They maintain a log-book and complete work place related outcomes. Students may attend a 'TAFE Tasters' program or other short courses. (E.g Responsible Service of Alcohol, Food Handling Certificate, First Aid etc).

4. Personal Development Skills

Students participate in community based and personally appropriate projects/activities to help develop teamwork skills, self confidence and other life/work skills.

VCE COURSE DESCRIPTIONS

PERFORMING ARTS

DRAMA UNITS 1 - 4

Course Description Units 1-2

Subject Fee:	\$100		
Textbook Purchase:	\$ 75 (approx.)	OR	Hire: \$ 25
Excursions:	\$100 (approx. per unit)		

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		
Textbook Purchase:	\$ 65 (approx.)	OR	Hire \$ 25
Excursions:	\$100 (approx. per unit)		

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.

The study of Drama may lead to

- Increased self-confidence, public speaking skills, development of interpersonal skills, a greater understanding of yourself.
- Employment as a Performing Artist, Writer, Theatre Director, Dramaturg, Teacher, Theatre Producer, Community Arts Projects, Events Management, Arts Consultant, Event Designer, TV Presenting, Radio
- Tertiary Studies: Bachelor of Arts (Acting, Music Theatre), Bachelor of Creative Arts Drama, Diploma of Events, Arts Administration, Teaching, Musical Theatre, Diploma of Arts and Screen Acting, Diploma of Performing Arts.

MUSIC PERFORMANCE UNITS 1 - 4

Course Description Units 1-2

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

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.

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

The study of Music Performance may lead to

- Employment as a Performer, Instrumental Teacher, Class Teacher, Accompanist, Conductor, Studio Musician, Studio Technician;
- Tertiary Studies: Bachelor of Music Performance, Bachelor of Music Composition, Diploma of Popular Music and Performance.

MUSIC INVESTIGATION UNITS 3 - 4

Course Description Units 3-4

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.

The study of Music Investigation may lead to

- Employment as a Performer, Composer, Music Critic, Musical Instrument Maker, Studio Musician, Conductor, Instrumental Teacher, Class Music Teacher;
- Tertiary Studies: Bachelor of Music Performance, Bachelor of Music Composition, Diploma of Popular Music.

MUSIC STYLE AND COMPOSITION 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.

The study of Music Style may lead to

- Employment as a Performer, Composer, Music Critic, Musical Instrument Maker, Studio Musician, Conductor, Instrumental Teacher, Class Music Teacher, Music Technology Skills;
- Tertiary Studies: Bachelor of Music Performance, Bachelor of Music Composition, Diploma of Popular Music.

THEATRE STUDIES UNITS 1 - 4

Course Description Units 1-2

Subject Fee:	\$100		
Textbook Purchase:	\$ 75 (approx.)	<u>OR</u>	Textbook Hire: \$ 25
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?

Course Description Units 3-4

Subject Fee:	\$100		
Textbook Purchase:	\$ 65 (approx.)	<u>OR</u>	Textbook Hire: \$ 25
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.

The study of Theatre Studies may lead to

- Employment as a Set Designer, Publicist, Community Arts Worker, Communications, Writer, Actor, Lighting Technician, Sound Technician, Theatre Stage Manager, Public Relations Officer, Broadcast Presenter, Teacher
- Employability skills of initiative and enterprise, planning and organisation, problem solving, self-management, teamwork, communication and technology.
- Tertiary Studies: Diploma of Live Production, Theatre and events (Technical Production), Teacher, Arts Administration.

VISUAL ARTS

Please note: It is advisable that due to workload, students should not select more than TWO folio based subjects. If the student wishes to select more than TWO folio based subjects, this will need to be discussed with the Arts Coordinator for approval.

ART UNITS 1 - 4

Subject Fee: \$ 60 per year
Textbook Purchase: \$ 70 (approx.) **OR** Textbook Hire: \$ 25
Excursions: \$ 50 (approx.) per year

Course Description Units 1-2

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?
- In their practical work, students continue to explore techniques and develop personal and creative response in their folio work.

Course Description Units 3-4

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.

The study of Art may lead to

- Employment as an animator, photographer, fashion designer, advertising executive
- Tertiary Studies: Cert IV in Arts (Interior Decoration), Diploma of Graphic Design

MEDIA UNITS 1 - 4

Subject Fee: \$ 60 per year
Excursions: \$ 50 (approx.) per year

Course Description Units 1-2

These units address Technology and Representation, Media Production and the Australian Media Industry.

- Students develop an understanding of the relationship between the media, technology and the representation present in media forms.
- Students develop an awareness of the specialist production stages and roles within the collaborative organisation of media production.

Course Description Units 3-4

These units are themed around Narrative and Media Production Design, as well as Social Values, Media Process and Media Influence.

- Students are able to develop an understanding of production and story elements and to recognise the role and significance of narrative organisation in fictional media texts.
- Students also develop practical skills through completing skill exercises and designing an individual media production in a format of their choice under the following categories: film, print publication, TV, radio, photography, and animation, digital or online publication.
- Students also develop an awareness of the role of social values in the construction of media texts and analyse issues raised about the role and influence of the media.

The study of Media may lead to

- Employment as a copywriter, audiovisual technician, film critic, film director/producer, publisher
- Tertiary Studies: Bachelor of Design (Communication), Cert IV in Screen and Media

STUDIO ARTS (GENERAL) UNITS 1 - 4

Subject Fee:	\$ 60 per year		
Textbook Purchase:	\$ 70 (approx.)	OR	Textbook Hire: \$ 25
Excursions:	\$ 50 (approx.) per year		

Course Description Units 1-2

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

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.

The study of Studio Arts (General) may lead to

- Employment as a potter, silversmith, cartoonist, industrial designer
- Tertiary Studies: Advanced Diploma of Engineering Technology - Silversmith

* Students cannot choose both Studio Arts General and Studio Arts Photography.

STUDIO ARTS (PHOTOGRAPHY) UNITS 1 - 4

Subject Fee:	\$ 60 per year		
Textbook Purchase:	\$ 70 (approx.)	OR	Textbook Hire: \$ 25
Excursions:	\$ 50 (approx.) per year		

Course Description Units 1-2

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

- Student's 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

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.

The study of Studio Arts (Photography) may lead to

- Employment as a photographer, camera operator, desktop publisher, cartoonist, set designer
- Tertiary Studies: Diploma of Visual Art, Bachelor of Film and Digital Media

VISUAL COMMUNICATION AND DESIGN UNITS 1 - 4

Subject Fee:	\$ 60 per year		
Textbook Purchase:	\$ 65 (approx.)	OR	Textbook Hire: \$ 25
Excursions:	\$ 50 (approx.) per year		

Course Description Units 1-2

These units aim to introduce the diversity of visual communication, and an understanding of the design process. Students

- develop an understanding of instrumental drawing methods and freehand drawing including drawing from direct observation
- refine practical skills by generating images and developing them through freehand drawing, instrumental drawing and the use of information and communications technology

Course Description Units 3-4

The focus of these units is for students to apply their knowledge of the components of the design process to prepare one brief that defines the need or needs of a client.

- develop an understanding of visual communication production through the application of the design process to satisfy specific communication needs
- investigate the production of visual communications in a professional setting and examine the nature of professional practice in the design and production of visual communications

The study of Visual Communication and Design may lead to

- Employment as a desktop publisher, costume designer, advertising executive
- Tertiary Studies: Bachelor of Creative Technology, Diploma of Applied Fashion Design

ENGLISH

ENGLISH UNITS 1 - 4

Course Description Units 1-2

Text Purchases:	\$ 40 (approx.)	OR	Textbook Hire: \$ 17
Skills Workbook	\$ 35 (approx.)		

These units cover three core outcomes to develop comprehension, planning, writing and editing skills and to prepare students for Units 3 and 4

- Critical analysis of a written and a multi-modal texts
- Creating and presenting texts in a range of styles and forms
- Analysing the ways verbal and visual language are used to persuade

Course Description Units 3-4

Text Purchases:	\$ 67 (approx.)
Skills Workbook	\$ 35 (approx.)

These units continue with the three core outcomes

- 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.

ENGLISH LANGUAGE UNITS 1 - 4

Course Description Units 1-4

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 study of English Language may lead to

- Employment as an editor, education aide, translator, film and television editor
- Tertiary Studies: Bachelor of Communications, Bachelor of Arts (Creative Writing)

N.B In order for the College to ensure students are properly prepared for Units 3 and 4 English, English Language 1 and 2 should be taken in conjunction with English 1 and 2 in Year 11.

English Language Units 1 and 2 will be offered in 2015 to lead on to English Language Units 3 and 4 in 2016 provided there is sufficient student interest.

LITERATURE 1 - 4

Course Description Units 1-2

Text Purchase: \$ 50 (approx.)

Course Description Units 3-4

Text Purchase: \$ 85 (approx.)

These units focus on the close and critical analysis of a range of different creative texts (such as poetry, prose, drama and non-print).

- 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.

The study of Literature may lead to

- Employment as a writer, interpreter, publicity officer, librarian, publisher, linguist
- Tertiary Studies: Bachelor of Arts, Bachelor of Arts (English Language)
- A lifelong love for reading

HEALTH AND PHYSICAL EDUCATION UNITS 1-4

HEALTH AND HUMAN DEVELOPMENT UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 67 (approx.) **OR** Textbook Hire: \$ 25

These units consider the Health and Development of Australian Lifespan, including Youth; and also Individual Human Development and Health 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?
- Why do we age? And how does this affect the Australian Health Care system?

Course Description Units 3-4

Textbook Purchase: \$ 67 (approx.) **OR** Textbook Hire: \$ 25

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

- 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' Millennium Development Goals? What about health and sustainability?

The study of Health and Human Development may lead to

- Employment as a nurse, physiotherapist, child carer, paramedic, social worker, travel consultant, teacher
- Tertiary Studies: Bachelor of Health Sciences, Bachelor of Social Work, Bachelor of Education (Health Education)

OUTDOOR AND ENVIRONMENTAL STUDIES UNITS 1 - 4

Textbook Purchase: \$ 82 (approx.) **OR** Textbook Hire: \$ 30

Course Description Units 1-2

Unit 1 examines some of the ways in which people understand and relate to nature through experiences of outdoor environments. Unit 2 focuses on the characteristics of outdoor environments and our impacts on them.

- What motivates individuals towards outdoor environments and experiences?
- 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, caving, hiking, snow camping, Skiing & boarding, horse riding, surfing and mountain bike riding.

Course Description Units 3-4

Unit 3 looks at the ecological, historical and social effects of people on the Australian environment. Unit 4 explores the sustainable use and management of outdoor environments.

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

The study of Outdoor and Environmental Studies may lead to

- Employment as an adventure guide, sports coach, event organiser, forester
- Tertiary Studies: Advanced Diploma of Tourism, Bachelor of Applied Science (Adventure Ecotourism)

PHYSICAL EDUCATION UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 80 (approx.) **OR** Textbook Hire: \$ 30
Workbook \$ 27 (approx.)

These units address Learning and Improving Skill, and the Active Body.

- How do athletes learn and improve physical skills? How do coaches and sports psychologists contribute to this? Does knowing about biomechanics help?
- How do musculoskeletal, cardio-respiratory and energy systems function during physical activity?

Course Description Units 3-4

Textbook Purchase: \$ 80 (approx.) **OR** Textbook Hire: \$ 30
Workbook \$ 27 (approx.)

These units consider physical activity from a Physiological perspective, as well as strategies to enhance physical performance.

- What do energy systems do during physical activity? Muscular fatigue, speeds of recovery and response to training. Physiological effects of physical activity?
- How can we assess fitness? What about planning and evaluating training programs to enhance fitness?
- Are there other strategies which will influence or limit performance?

The study of Physical Education may lead to

- Employment as a massage therapist, referee, physiologist
- Tertiary Studies: Bachelor of Sports Science, Diploma of Outdoor recreation

HUMANITIES

ACCOUNTING UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 70 (approx.) **OR** Textbook Hire: \$ 25
Workbook \$ 24 (approx.)

These units focus on establishing, accounting and financial management of a small business, and accounting for a sole trader.

- 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 Purchase: \$ 70 (approx.) **OR** Textbook Hire: \$ 25
Workbook: \$ 24 (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

The study of Accounting may lead to

- Employment as an accounts clerk, purchasing officer, Certified Practising Accountant (CPA), statistician, business manager, actuary consultant
- Tertiary Studies: Bachelor of Business (Accounting), Cert IV in Financial Services

BUSINESS MANAGEMENT UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

These units look at Small Businesses, Communication and Management

- Small businesses provide a wide variety of goods and services for both consumers and industries; they are very important; and they are everywhere.
- How do they work?
- How important is effective communication in making a business tick?

Course Description Units 3-4

Textbook Purchase: \$100 (approx.) **OR** Textbook Hire: \$ 35

These units look at Corporate Management, Managing People and Managing Change

- How do large scale, complex businesses work?
- What makes good managers, management styles, skills and management structures?
- What about managing human resources?
- How do businesses go about managing change?

The study of Business Management may lead to

Employment as a bank officer, personnel clerk, telemarketer, accountant

Tertiary Studies: Diploma of Business, Diploma of International Business, Bachelor of Commerce

HISTORY (20TH CENTURY) UNITS 1 - 2

Course Description Units 1-2

Textbook Purchase: \$ 57 (approx.) **OR** Textbook Hire: \$ 20

These units look at some of the big events of the Twentieth Century.

- Causes of and fallout from World War 1
- The Russian Revolution, 1917
- The USA 1914 – 1945
- Rise of Fascism, Nazism and Hitler
- The end of colonialism, imperialism and European power
- The Cold War, Vietnam and protest movements in the 1960's and 1970's

- HISTORY (REVOLUTIONS) UNITS 3 4

Course Description Units 1-2

Textbook Purchase: \$115 (approx.) **OR** Textbook Hire: \$ 40

These units look at revolutions, leaders, ideas, events and changes in Russia, and either China or America.

- 1905 - 1917 cause of Bolshevik success
- 1917 – 1924 how the Communists consolidated their control of Russia
- 1898 – 1949 story of Communists success in China
- 1949 – 1970 how the Communists consolidated their rule
- 1763 – 1776 from the French and Indian Wars to the Declaration of independence
- 1776 – 1789 from the Declaration of independence to the inauguration of George Washington

The study of History may lead to

- Employment as a tour guide, librarian, diplomat, art critic, journalist
- Tertiary Studies: Bachelor of Arts/Arts Education, Bachelor of International Studies

LEGAL STUDIES UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 76 (approx.) **OR** Textbook Hire: \$ 30

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 Purchase: \$ 76 (approx.) **OR** Textbook Hire: \$ 25

Revision Notes \$ 26 (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?

The study of Legal Studies may lead to

- Employment legal secretary, court clerk, human relations officer, lawyer
- Tertiary Studies: Bachelor of Laws, Adv. Dip of Business (Legal Practice), Dip Liberal Arts

PHILOSOPHY UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

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

Philosophy Readings: \$ 25

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?

The study of Philosophy may lead to

- Employment as a writer, teacher, legal executive, youth worker, industrial relations officer.
- Tertiary Studies: Bachelor of Arts (Politics and Public Policy), Adv Dip of Justice.

SOCIOLOGY UNITS 1 - 4

Course Description Units 1-2

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 Purchase: \$ 55 (approx.) **OR** Textbook Hire: \$ 20

These units look at Community, Australian Cultural Communities, Citizenship, and Globalisation.

- How do communities cope with the challenges of political, social, economic and technological changes?
- What about relationships between cultural communities? Aboriginal and Torres Strait Islander peoples? People from non-English speaking backgrounds?
- Globalisation, the rise of an information society ... what do these do to democracy and the practice of citizenship?
- Issues of social justice and human rights are also investigated.

The study of Sociology may lead to

- Employment as an occupational therapist, human resources manager, safety inspector, research Manager; Tertiary Studies: Bachelor of Health Sciences/Arts, Diploma of Community Development

LANGUAGES OTHER THAN ENGLISH (LOTE)

LOTE classes are dependent on class size. LOTE subjects may be undertaken via distance education.

Year 10 students of LOTE will be enrolled in Unit 1 of the relevant language. A full range of LOTE subjects is available via the Victorian School of Languages (VSL). The College will support VSL students with their studies.

INDONESIAN UNITS 1 - 4

Course Description Units 1-2

This Unit covers the topics Personal world, Visiting Indonesia, Lifestyles, Arts and entertainment, Education and aspirations, Customs and traditions, Stories from the past and the World of Work.

- Students will be expected to be familiar with personal and imaginative language.

Course Description Units 3-4

The prescribed topics for Unit 3 and 4 include Social issues, Australian-Indonesian relations, Personal Opinions and Values and the Environment.

- 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.

The study of a Language Other than English may lead to

- Employment as a travel consultant, tourist guide, interpreter, diplomat
- Tertiary Studies: Student may wish to study a LOTE as an academic subject for educational purposes or link this study to other areas of interest. Many tertiary institutions provide pathways for further study of Indonesian and Japanese.

VET: Languages Indonesian Certificate 3

- Course yet to be developed by RMIT

JAPANESE UNITS 1 - 4

Course Description Units 1-2

Textbook Purchase: \$ 66 (approx.)

Workbook Purchase \$ 34 (approx.)

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 Purchase: \$ 66 (approx.)

Workbook: \$ 34 (approx.)

The prescribed topics for 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.

MATHEMATICS

Mathematics is not a compulsory subject in the VCE. Students may elect to complete one or more Mathematics subjects at a VCE level from the subjects listed below. Students are advised to discuss their subject selections with their year 10 Mathematics teacher. Entry into VCE Mathematics may require students to demonstrate minimum entrance standards.

GENERAL MATHEMATICS UNITS 1-4

Casio Classpad 400 Calculator : \$210 (approx.)

Units 1-2

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

Units 3-4

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

General 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 Mathematics provides 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.

ESSENTIAL MATHEMATICS UNITS 1-2

HOT MATHS – ANNUAL SUBSCRIPTION: \$ 28

SCIENTIFIC CALCULATOR \$ 15 (APPROX)

Essential Mathematics focuses on using mathematics effectively, efficiently and critically to make informed decisions in daily lives. The emphasis of Essential 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. This subject provides the opportunity for students to prepare for post-school options of employment and further training.

MATHEMATICAL METHODS FOR COMPUTER ALGEBRA SYSTEM (CAS) UNITS 1-4

Casio Classpad 400 Calculator : \$210 (approx.)

Units 1-2

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

Units 3-4

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

Entry to Mathematical Methods (CAS) Units 1 and 2 requires students to have successfully completed Year 10 CORE Mathematics to a high level, also completing Mathematics Extension is highly recommended.

Mathematical Methods focuses on the development of the use of 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 MATHEMATICS UNITS 1 - 4

Casio Classpad 400 Calculator : \$210 (approx.)

Units 1-2

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

Units 3-4

Textbook Purchase: \$ 75 (approx.) **OR** Textbook Hire: \$ 25

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 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.

Please Note: Mathematical Methods units 3&4 must be previously completed or studied concurrently with Specialist Mathematics.

SCIENCE

BIOLOGY UNITS 1-4

Course Description Units 1-2

Textbook Purchase: \$ 85 (approx.) **OR** Textbook Hire: \$ 30

Unity and Diversity, and Organisms and their Environment focus on the study of life at a cellular level, factors that affect the survival of cells, the rich diversity of Australian ecosystems and the relationship between living things and their environment.

- What happens in living things which allow them to gain nutrition, transport substances, exchange gases, eliminate wastes and reproduce, as well as the principles of classification, are studied in Unit 1.
- Ecosystems, adaptations, communities, population dynamics, practical ecology and Australia's unique biodiversity are studied in Unit 2.

Course Description Units 3-4

Textbook Purchase: \$ 85 (approx.) **OR** Textbook Hire: \$ 30
Compulsory Excursions \$ 50 (approx.)

These units focus on biochemical processes that are Signatures of Life, and Continuity and Change, the molecular basis of inheritance and evidence for the evolution of life over time.

- Energy transformations, enzyme at work, coordinated endocrine and nervous system responses to environmental changes, disease-causing pathogens, immune responses, disorders of immune responses and 'acquired immunity' are studied.
- Forensic analysis, gene therapy and genetic modification of organisms, DNA and inheritance traits, and bioethics are also studied.
- The study of human evolution including biological and cultural aspects.

The study of Biology may lead to

- Employment as a fitness instructor, dental assistant, nurse, museum technician
- Tertiary Studies: B Biomedical Science, B Science, B Nursing, B Medicine, Dip Laboratory Technology (Pathology Testing)

CHEMISTRY UNITS 1-4

Course Description Units 1-2

Textbook Purchase: \$ 87 (approx.) **OR** Textbook Hire: \$ 30

The Big Ideas of Chemistry introduces the Periodic Table, scientific theory and the development of our understanding about the internal structure of the atom and its effects on the properties of materials. Environmental Chemistry considers the chemistry of water and the gases of the atmosphere.

- What is metallic, ionic and covalent bonding? How does the structure of materials affect their properties?
- Green Chemistry: how can we respond to the effects of human activities on our environment and ways to minimise our global footprint?

Course Description Units 3-4

Textbook Purchase: \$ 87 (approx.) **OR** Textbook Hire: \$ 30

These units focus on quality control and analytical techniques available to the analytical and forensic scientist.

- Techniques to analyse substances to determine their composition;
- Organic reaction pathways, biochemical fuels and the synthesis of chemicals.
- Factors that affect the rate and extent of chemical reactions and the application of chemistry in industry.

The study of Chemistry may lead to

- Employment in medical and health sciences, forensic science, industrial and environmental sciences.
- Tertiary Studies: B Science, Metallurgy, Chemical Engineering, Medicine, Food Technology and other related sciences.

ENVIRONMENTAL SCIENCE UNITS 1-4

Course Description Units 1-2

Workbook \$20 (approx.)

These units study what goes on in environments, and monitoring the health of ecosystems.

The Earth undergoes continual change, and ecosystems are altered by natural or human-induced factors.

- What do we know about human induced environmental changes?
- What we can do about changes, e.g. algal bloom, water pollution, erosion or waste disposal?

Course Description Units 3-4

Textbook Purchase: \$ 55 (approx.) **OR** Textbook Hire: \$ 20

These units examine ecological issues of energy and biodiversity and investigate ecological sustainability. Concepts associated with energy, and the uses of energy by human societies are considered.

- What do we know about energy efficiency? How does human energy use contribute to the enhanced greenhouse effect? What is the concept of biodiversity and the role of conservation?
- Can we apply environmental science to ecologically sustainable development and environmental management?

The study of Environmental Science may lead to

- Employment as a gardener, tree surgeon, tour guide, aquaculture technician, zookeeper.
- Tertiary Studies: Associate Degree in Aquaculture, Diploma of Conservation and Land Management.

PHYSICS UNITS 1-4

SCIENTIFIC CALCULATOR \$ 15 (APPROX)

Course Description Units 1-2

Textbook Purchase: \$ 95 (approx.) **OR** Textbook Hire: \$ 30

These units cover the core topics of Nuclear physics and radioactivity, Electricity, Motion and the Wave-like Properties of light. In addition to the core topics one detailed study per Semester is selected from Astronomy, Astrophysics, Energy from the Nucleus, Flight, Sustainable Energy and Medical Physics.

Course Description Units 3-4

A+ Physics Notes: \$ 52 (approx.) **OR** A+ Physic Notes Hire: \$ 20

These units cover the core topics of Motion in one and two dimensions and Electronics and photonics in Unit 3, followed by Electric power and Interactions of light and matter in Unit 4. One detailed study is chosen from Materials and their use in structures, Einstein's special relativity, Further electronics, Sound, Synchrotron and Photonics.

The study of Physics may lead to

- Employment as an audio-visual technician, automotive tradesperson, air traffic controller, electrical engineer, physiotherapist, surveyor, mineralogist.
- Tertiary Studies: Bachelor of Engineering (Aerospace, Automotive, Civil, Communication, Electrical, Mechanical, Sustainable energy), Bachelor of Science (Geometrics, Nanotechnology, Physics, Radiology).

PSYCHOLOGY UNITS 1-4

Course Description Units 1-2

Textbook Purchase: \$ 85 (approx.) **OR** Textbook Hire: \$ 30

In Unit 1, students analyse the contribution that classic and contemporary theories have made to the development of psychology. They are introduced to the specialised fields of psychology and their applications. Students investigate aspects of visual perception to study the mind and human behaviour from biological, behavioural, cognitive and socio-cultural perspectives and look at changes in these over the human lifespan.

In Unit 2, students examine research methods used to measure attitudes and behaviours and consider ethical issues in the use of such research. Students discover how attitudes are formed and discuss the factors that affect the behaviour of individuals and groups. It also includes the investigation of social behaviours such as prejudice, stereotyping and discrimination. Students explore scientific ways of describing, measuring and classifying intelligence and personality.

Course Description Units 3-4

Textbook Purchase: \$ 85 (approx.) **OR** Textbook Hire: \$ 30

In Unit 3, students focus on the study of the relationship between the brain and the mind by examining the basis of consciousness, behaviour, cognition and memory. Students compare characteristics of normal waking consciousness, and altered states of consciousness. They examine sleep patterns, brain research methods and the ethical principles involved. Students also look at models of memory, the neural basis of memory, causes of forgetfulness and techniques for improving and manipulating memory.

In Unit 4, students examine the relationship between learning, the brain and its response to experiences and behaviour. They study the neural basis of learning and examine the different types of learning, their theories and applications. Students will also investigate the relationship between stress and mental health and learn to distinguish between normal experiences such as stress and moodiness, and mental disorders such as addiction, anxiety, depression and phobias. Students will use a bio-psychosocial framework, which includes psychological, social and biological factors, in understanding a person's mental state.

The study of psychology may lead to:

- Employment as a personal assistant, fitness instructor, welfare/ youth worker, counsellor, child care centre manager, nursing, programs manager, psychologist, psychiatrist
- Tertiary studies: B Behavioural Science, B Social Science, B Business (Marketing), B Nursing

TECHNOLOGY

PRODUCT DESIGN AND TECHNOLOGY UNITS 1-4

Subject Fee: \$ 60 per year
Textbook Purchase: \$ 70 (approx.) **OR** Textbook Hire: \$ 25 per year

Course Description Units 1-2

These units introduce students to Design Modification and Production, and Collaborative Design.

- Students work with a range of materials to produce a product.
- Work is supported by a design folio showing all aspects of the production, from the design process, research, production, evaluation, marketing and promotion of a completed, desirable product.

Course Description Units 3-4

These units extend work into Design, Technological Innovation and Manufacture, then Product Development, Evaluation and Promotion.

- What is the role of the designer? What is industrial product development?
- Students develop a product for a “client” and manage the full development of this item(s) from concept, to design, through production, evaluation, promotion and onto delivery.

The study of Product Design and Technology may lead to

- Employment as a patternmaker, designer, teacher, craftsperson, artist
- Tertiary Studies: B Creative Arts Industries, B Business (Marketing)

FOOD AND TECHNOLOGY UNITS 1-4

Course Description Units 1-2

Subject Fee: \$250
Textbook Purchase: \$ 88 (approx.) **OR** Textbook Hire: \$ 30

These units look at the Properties, Science, Planning and Preparation of Food.

- Students are introduced to the diverse nature of food, how to prepare it and how to store it for the best quality in terms of safety, health and aesthetics.
- Understanding the science of foods when different preparation and processing techniques are used? What are the most suitable food preparation and cooking methods to optimise the sensory, physical and chemical properties of food?

Course Description Units 3-4

Subject Fee: \$190
Textbook Purchase: \$ 88 (approx.) **OR** Textbook Hire: \$ 30

These units continue a study of Food Preparation, Processing and Food Controls, and Food Product Development and Emerging Trends, matching techniques to particular foods.

- Food processing techniques to prevent spoilage in industrial and domestic settings.
- From design brief to design plan: applied knowledge about key foods, properties of food, tools, equipment, cooking and preservation techniques suited to a given context.
- Safety in the kitchen is a priority throughout all Units of Food Technology.

The study of Food Technology may lead to

- Employment as a cook, pastry cook, waiter, food technologist, nutritionist, chef
- Tertiary Studies: Bachelor of Food Science and Nutrition, Bachelor of Culinary Management

MATERIALS AND TECHNOLOGY UNITS 1-2

Course Description Units 1-2

Subject Fee: \$ 40
Textbook Purchase: \$ 60 (approx.) **OR** Textbook Hire: \$ 25

These units introduce Creative Technology with Textiles, through Technique Development and Design Development.

- Students will develop skills in a range of techniques, for example felting, fabric dyeing, embellishing, decorative finishes, quilting, stencilling, screen printing, machine stitched-computer assisted design and embroidery.
- A major project will be a journal of techniques learned and presented as a final 14 x14 cm finished item per technique.
- There is also an interest in creative design and production of a major creative project such as sculpture, clothing item as wearable art or other decorative piece.

The study of Materials and Technology may lead to

- Employment as a clothing cutter, screen printer, surgical boot maker, upholsterer, interior decorator, fashion designer, visual arts/crafts teacher
- Tertiary Studies: Adv Dip Textile Design and Development, B Applied Science (Textile Technology)

INFORMATION TECHNOLOGY UNITS 1 - 4

Course Description Unit 1-2

Subject Fee: \$ 40
Textbook Purchase: \$ 80 (approx.) **OR** Textbook Hire: \$ 28

These units focus on how people use and can be affected by Information Technology

- Design and develop spread sheet solutions
- Recommend a Network Information System for a specific use, taking into account security threats
- Collaboratively design and develop a website on a contemporary ICT issue.
- Create data visualisations to meet a client's needs
- Use project management methodology and tools in a team environment
- Develop an ICT solution collaboratively using a programming language
- Students will have the opportunity to participate in a programming competition

Course Description Unit 3-4 Applications

Subject Fee: \$ 40
Textbook Purchase: \$ 80 (approx.) **OR** Textbook Hire: \$ 30

These units focus on the World Wide Web and the online systems that allow sharing of information and how data is stored, managed and protected.

- Design and develop a prototype website for an online community and explain the technical requirements to support the hosting of this website.
- Design and develop a relational database and explain how and why organisations collect information online.
- Use a database or spread sheet to solve an information problem and evaluate the efficiency and effectiveness of the solution.
- Evaluate the effectiveness of strategies used by organisations to manage the storage, communication and disposal of information.

Course Description Unit 3-4 Software Development

Subject Fee: \$ 40

Textbook Purchase: \$ 100 (approx.) **OR** Textbook Hire: \$ 50

These units focus on the analysis, design and development of software solutions in a networked environment to meet the information needs of individuals, organisations and society.

- Analyse an information problem in order to produce software requirements specifications for a solution that operates within a network environment.
- Represent a software design and apply a range of functions and techniques using a programming language to develop a prototype solution to meet a specific need.
- Apply problem-solving methodology stages to produce a solution for use on a mobile device, taking into account technical and legal requirements.
- Recommend and justify strategies for evaluating the effectiveness and efficiency of solutions that operate in a networked environment.

The study of Information Technology may lead to

- Employment as an animator, ICT or AV technician, draftsman, architect, quantity surveyor, astronomer, games designer
- Tertiary Studies: B Interactive Entertainment (Games Design), Dip Screen & Media

SYSTEMS ENGINEERING UNITS 1 - 4

Subject Fee: \$ 70 per year

Textbook Purchase: \$ 70 (approx.) **OR** Textbook Hire: \$ 25 per year

Course Description Units 1-2

These units focus is on how electrical/electronic/Electro-technological and Mechanical engineering solutions are used in solving everyday problems. Practical work is supported with a folio containing design, production, testing and evaluation 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

These units focus on Systems Engineering and Energy, and also Integrated and Control Systems Engineering.

- 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.

RRAMP (Regional Robotics, Automation and Mechatronics Program)

VCE Systems Engineering students will have an opportunity to learn about the 3D drafting of objects and manufacture parts using a plastic based 3D printer. Students will also be given the opportunity to build and program the Arduino microcontroller currently taught at University level. The combination of 3D drafting/printing and programming will allow students to design various robotics and automated systems. The program is in partnership with The Department of Electronic Engineering, La Trobe University and Quantum Victoria. The program will allow students to work closely with University staff and utilize University resources. Upon the completion of the program students will be given certificates which will provide them with a higher standing when applying to La Trobe University for Electronics Engineering, Robotics and Mechatronics Engineering degrees.

The study of Systems Engineering may lead to

- Employment as a store person, electrician, safety inspector, designer, engineer
- Tertiary Studies: Adv Dip Electrical Technology, B Engineering (Electrical)

VET COURSES – VOCATIONAL EDUCATION AND TRAINING

What is VET?

Vocational Education and Training programs in schools are nationally accredited training 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 program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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 these costs. 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 Circus Training, Community Services, Logistics, Music (introduction to performance) 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 Sequence: To gain credit in the VCE, students must complete the first year of the VET course (unit 1/2 level) before undertaking the 3/4 unit.

Is a third year of a particular subject area possible? For students who have completed two years of a VET subject in Year 10 and 11, it may be possible to complete a third year in Year 12. This would involve the completion of additional VET units in that study area. The units would be selected from Certificate II or III level of the study area. The completion of those units could give credit towards an apprenticeship.

VET courses to be offered in 2015 will be VET – Motorsports, Automotive, Engineering and Furniture Making. With sufficient student interest this may be offered in other VET subjects as well.

Community Services Certificate II in 2015: All Year 10 students desiring to study in the Allied Health and or Child Care Industry are required to complete Certificate II in Community Services in 2015. On successful completion students are encouraged to select Allied Health and or Children’s Services in 2016.

VET COURSES 2015

VET Qualification	VCE Units	ATAR score	Work placement Requirements	Other Information
Allied Health Assistance HLT32407 Certificate III in Allied Health Assistance. Year 11 & 12 students only RTO WODONGA TAFE	Two 3 - 4	10% average of primary four subjects	In term 3 for one week	Costs: Refer to course descriptor and Subject Fees. First Aid Level 2
Animal Studies - ACM20110 Certificate II in Animal Studies RTO GOULBURN OVENS TAFE	1-4	10% average of primary four subjects	Work placement of one week in both years	Costs: Refer to course descriptor and Subject Fees.
Applied Fashion Design Technology – LMT210707 Certificate II in Applied Fashion Design Technology RTO WODONGA TAFE	1 - 4	10% average of primary four subjects	Optional	Costs: Refer to course descriptor and Subject Fees.
Automotive Technology 22015VIC – Certificate II in Automotive Technology Studies (Prevocational) RTO WODONGA TAFE	1 - 4	10% average of the primary four subjects	Optional	Costs: Refer to course descriptor and Subject Fees.
Beauty - SIB20110 Certificate II in Retail Make-up Services RTO A.I.E.T.	1 -2 Only		Optional	Costs: Refer to course descriptor and Subject Fees.
Building & Construction Statement of Attainment - Carpentry Pre-apprenticeship 21844VIC – Certificate II in Building and Construction (Carpentry Stream) RTO WODONGA TAFE	1 - 4	10% average of the primary four subjects	Optional	Costs: Refer to course descriptor and Subject Fees. Timber cost. Safety Induction Training and First Aid Level 2.
Business Administration BSB20107 – Certificate II in Business Administration and Statement of Attainment BSB30407- Certificate III in Business Administration RTO WODONGA TAFE	1 - 4	Can be one of primary four	5 days each year	Costs: Refer to course descriptor and Subject Fees.
Children’s Services CHC30113 Certificate III in Early Childhood Education and Care – Year 11 & 12 students only RTO WODONGA TAFE	1 - 4	10% average of primary four subjects	Work placement in term three for two weeks	Costs: Refer to course descriptor and Subject Fees. First Aid Level 2
Circus Training 22073VIC Certificate III in Circus Arts RTO Swinburne University	1 - 4		To be done as part of circus training	Costs: Refer to course descriptor and Subject Fees.
Community Services CHC20112 Certificate II in Community Services YEAR 10 ONLY RTO WODONGA TAFE	1 - 2		Optional	Costs: Refer to course descriptor and Subject Fees. First Aid Level 2.
Dance CUA20111 – Certificate II in Dance RTO AUS Dance	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees
Desktop Publishing - ICP20210 Certificate II in Printing and Graphic Arts (Desktop Publishing) RTO WODONGA TAFE	1 - 4	10% average of the primary four subject	10 days each year	Costs: Refer to course descriptor and Subject Fees.
Engineering Studies 22209VIC – Certificate II in Engineering Studies RTO WODONGA TAFE	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees.

Furniture Making LMF20309 – Certificate II in Furniture Making (Cabinet Making) RTO WODONGA TAFE	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees. Timber cost. Safety Induction Training and First Aid Level 2.
Hairdressing SIH20111 Certificate II in Hairdressing RTO A.I.E.T.	1 – 2 Only		Optional	Costs: Refer to course descriptor and Subject Fees.
Hospitality In first year SIT31013 Certificate III in Catering Operations. In second year Statement of attainment toward Certificate III in Hospitality (Kitchen Operations) Both Commercial Cookery and Food & Beverage streams offered in 2014 for second year students RTO WODONGA TAFE	1 - 4	Can be one of primary four	At least 10 days plus catering for functions in Units ½. Students will also be involved with catering outside of school hours and operate the school restaurant “Pepper” 4-6 nights.	Costs: Refer to course descriptor and Subject Fees. Additional cost for food students prepare and consume.
Information Technology Networking RTO A.I.E.T. ICA 30111 Certificate III in Information, Digital, Media & Technology (partial completion)	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees.
Integrated Technologies (Electro- technology) – 22071 VIC Certificate II in Integrated Technologies RTO WODONGA TAFE	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees.
Laboratory Skills - MSL30109 Certificate III in Laboratory Skills RTO WODONGA TAFE	1 - 4		Optional	Costs: Refer to course descriptor and Subject Fees.
Logistics TLI21610 Certificate II in Warehousing Operations RTO WODONGA TAFE	1-2 Only		Optional	Costs: Refer to course descriptor and Subject Fees.
Multimedia RTO A.I.E.T. CUF20107 Certificate II in Creative Industries (Media) and CUF30107 Certificate III in Media	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees.
Music Industry (Technical Production) - CUS30209 Certificate III RTO AUS Music	1 - 4	Can be one of primary four	Optional	Costs: Refer to course descriptor and Subject Fees.
Music CUS20109 Certificate II in Music RTO AUS Music	1-2 Only		Students will need to rehearse and practice in their own time	Costs: Refer to course descriptor and Subject Fees.
Retail Operations Statement of Attainment – SIR20212 Certificate II in Retail Services RTO WODONGA TAFE	1-2 Only		Approx. 25 days - one afternoon per week plus one week block	Costs: Refer to course descriptor and Subject Fees.
Sport & Recreation SIS20310 Certificate II Sport & Recreation (First Year) and SIS30512 Certificate III in Second Year. Three areas of study. AFL/Soccer/General RTO WODONGA TAFE	1 - 4	Can be one of primary four	80 hours over two years of course.	Costs: Refer to course descriptor and Subject Fees.

ALLIED HEALTH – Certificate III

Year 11 and 12 students only (see details for Certificate II in Community Services)

Subject Fee:	1st Year	\$ 40	2nd Year	\$ 40
First Aid – Level 2		\$ 70		

VET QUALIFICATION

Students who complete units of study are entitled to a Certificate III in HLT32407 Allied Health Assistance.

Course Aims

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.

ANIMAL STUDIES – Certificate II

All First Year Students are required to complete Certificate I in Animal Studies in the First Term over one weekend at Wangaratta Animal Studies Centre at a cost of \$200.

Subject Fee: \$260 per year additional to the above

VET QUALIFICATION

Students who successfully complete the two years of 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 per year

VET QUALIFICATION

Students who successfully complete the two years of the course are eligible for the award of LMT210707 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

Applied Fashion Design Technology and the VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL Program.

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.

AUTOMOTIVE - Certificate II

Subject Fee:

\$ 80 per year

Module Workbooks:

\$ 80 per year

VET Qualification

Students who successfully complete the two years of the course are eligible for the award of 22015VIC - Certificate II in Automotive Technology Studies.

Course Description

Students who chose Certificate II in Automotive Technology Studies 21560VIC will gain a basic knowledge of diagnostics and repairs in the schools 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 of Units in the Course Are

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 qualifications who gain an apprenticeship in the automotive area may have credits towards their apprenticeship qualifications.
- Direct credit in the Diploma of Motor Sports at Wodonga TAFE for units completed.

Motorsports: Selected Extension Units (4) in Cert III in Motorsports will be offered to Year 12 students who have completed Cert II in Automotive.

BEAUTY - Certificate II in Retail Make-up Services

Subject Fee/Beauty Kit:	\$150 per year
Module Workbooks:	\$ 45 per year

VET QUALIFICATION

Students who successfully complete the two years of the course are eligible for the award of SIB20110 Certificate II in Make-up Services and Skin Care. Both first and second year VET Make-up Services earn level 1/2 units in the V.C.E.

Course Description

Certificate II in Retail Make-up Services 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 Are

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/Pedicure.

Make-up Services and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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:	\$45 per year
Module Workbooks:	\$45 per year
First aid – Level 2	\$70
White Card – OHS Induction	\$70
Project	1st Year \$60 2nd Year \$40

VET QUALIFICATION

Students who successfully complete the two years of 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 Are

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

Building and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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.

BUSINESS (Office) ADMINISTRATION - Certificate II and Part of Certificate III

Subject Fee: \$30 per year

VET Qualification

Students who successfully complete the two years of the course are eligible for:

- The award of BSB20112 Certificate II in Business Administration and Statement of Attainment part of BSB30412
- The award of a statement of attainment documenting units of competence achieved that can contribute toward Certificate III in Business Administration

Course Description

This two year course aims to provide the knowledge and skills required:

- To assist in gaining employment in the clerical-administrative fields
- To foster the development of social and personal skills relevant to dealing with the public

Some Units in The Course Are

1. Participate in workplace safety procedures 2. Communicate in the workplace 3. Handle mail
4. Prepare and process financial/business documents 5. Use business technology

Business and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways

- Tertiary Studies: This program will provide advanced standing into Certificate III. Further Studies can lead to the achievement of a Diploma or Graduate Diploma degrees. Employment can be found in the clerical-administration field. E.g. Office assistant, receptionist, secretary.

CHILDREN'S SERVICES – Certificate III

Year 11 and 12 students only (see details for Certificate II in Community Services)

Subject Fee:	1 st Year	\$ 90	2 nd Year	\$ nil
First Aid:		\$ 70		

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

Children's Services and the VCAL Program

A VET Program can count towards the industry skills strand or the work related strand of a VCAL program.

Pathways

Employment as a child care worker, playgroup supervisor, nanny, family day-care provider. The qualification gives credits into Diploma Studies

CIRCUS TRAINING- Certificate II

Subject Fee:

\$ 57

VET Qualification

Students who successfully complete the one year course are eligible for the award of 22073VIC Certificate III in Circus Arts.

Students undertaking this course must be 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

YEAR 10 STUDENTS ONLY

Students are required to pass this course before applying for Cert III in Allied Health and Children’s Services in 2016.

Subject Fee:	\$ 30
First Aid	\$ 70

VET Qualification

Students who successfully complete the one year of the course are eligible for the award of CHC20112 Certificate II in Community Services Work.

Course Description

This one year course provides entry-level training for the community work sector in the human services industry and is a prerequisite to studying Allied Health and Children’s Services at WSSC.

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 is designed to articulate students into Certificate III in Allied Health and Certificate III in Children’s Services at WSSC.

DANCE – Certificate II

Subject Fee:	\$ 40 per year
--------------	----------------

VET Qualification

Students who successfully complete the two years of the course are eligible for the award of CUA20111 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.

Dance and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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.

DESKTOP PUBLISHING - Certificate II

Subject Fee: \$ 40 per year

VET Qualification

Students who successfully complete the two years of the course are eligible for the award of:

- ICP20205 Certificate II in Graphic Arts (Desktop Publishing).

Course Description

This two year course aims to provide participants with the knowledge and skills to achieve units of competence that will enhance their employment prospects in the Printing and Graphic Arts industries.

Some Units in the Course

1. Develop a Basic Design Concept 2. Proof images 3. Electronically combine and assemble data.

Desktop Publishing and the VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways

- Employment: This course provides a foundation for developing careers in printing and graphic arts.
- Tertiary Studies: The Certificate II in Desktop Publishing provides a pathway into Certificate III and IV qualifications in Printing and Graphic Arts.

ENGINEERING – Certificate II

Subject Fee: \$ 70 per year

Module Workbook: \$ 30 per year

VET Qualification

Students who successfully complete the two year 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

Engineering and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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.

FURNITURE MAKING - Certificate II

Subject Fee:		\$ 45 per year		
Module Workbook:		\$ 45 per year		
Project	1st Year	\$ 60	2nd Year	\$150
First Aid – Level 2		\$ 70		
White Card – OHS Induction		\$ 70		

VET Qualification

Students who successfully complete the two year program are eligible for the award of:

- LMF20309 Certificate II in Furniture Making (Cabinet Making).

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 Are

1. Follow safe working policies and practices
2. Join solid timber
3. Use hand and power tools
4. Construct furniture using leg and rail method
5. Follow plans to assemble production furniture

Cabinet making and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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.

HAIRDRESSING – Certificate II

Subject Fee:	\$150 per year
Module Workbook:	\$ 45 1 st year only

VET Qualification

Students who successfully complete this two year course are eligible for the award of SIH20111 Certificate II in Hairdressing. 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.

Hairdressing and The VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways

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

HOSPITALITY - Certificate II

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

VET Qualification

Students who successfully complete first year are awarded SIT31013 Certificate II Catering Operations. Students who successfully complete second year are awarded a statement of attainment that contribute towards SIT20307 Certificate III in Hospitality (Kitchen Operations). Third year students are able to complete 3 Units from SIT Certificate III in hospitality – Commercial Cookery.

Course Description

This two year program aims to provide access to a range of potential career paths within the hospitality industry.

First Year Some Units in The Course

1. Use basic methods of cookery 2. Use basic methods of cookery 3. Use basic methods of cookery

Second Year: Food & Beverage - Stream One Second Year: Commercial Cookery – Stream Two

Prepare and serve non-alcoholic drinks

Prepare appetizers and salads

Provide Responsible Service of Alcohol

Prepare stocks, sauces and soups

The College Restaurant in Second Year – “Pepper”

Students Studying Food and Beverage or Commercial Cookery are required to undertake at least 6 nights of on the job training in the college restaurant.

Pathways

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

Tertiary Studies: This program will give students credit towards Certificate IV in Hospitality.

INFORMATION TECHNOLOGY NETWORKING - Certificate III

Subject Fee:

\$ 90 per year

VET Qualification

Students who successfully complete the four semesters of the course are eligible for partial completion of the course; ICA30111 Certificate III in Information, Digital Media & Technology. To gain the complete qualification, extra Units are offered in the normal school curriculum.

VCE Qualification

Students who complete ICA30111 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 30111 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

Information Technology and the VCAL Program

The VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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 per year

Module Workbook

\$ 40 per year

VET Qualification

Students who successfully complete the two year course are eligible for the award of 22071VIC – Certificate II in Integrated Technologies (Shared Technology).

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 electro-technology 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.

Electrotechnology and the VCAL Program

A VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways: Employment in the electronics and information communications industries.

LABORATORY SKILLS – Certificate III

Subject Fee: \$ 60 per year

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 PML30104 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.

Laboratory Skills and The VCAL Program

The VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

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

Resource Cost: \$ 70

VET Qualification

Students who successfully complete this one year course are eligible for a TLI21610 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

Logistics and The VCAL Program

The VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways

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

MULTIMEDIA (Creative Industries / Media) - Certificates II and III

Subject Fee:	\$ 40 per year
Module Workbook	\$ 45 per year

VET Qualification

Students who successfully complete one year of the program are eligible for the award of: CUF20107 Certificate II in Creative Industries (Media). Students who successfully complete two years of the program are eligible for the award of CUF30107 Certificate III in Media.

Course Outline

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 multimedia certificates articulate directly into other national qualifications in the film, TV, and radio training packages.

MUSIC INDUSTRY (Technical Production) – Certificate III

Subject Fee:	\$ 56 per year
Module Workbook	\$ 60 per year

VET Qualification

Students who successfully complete the two years of the course are eligible for the award of CUS30209 Certificate III in Music Industry (Technical 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 Skills 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.

MUSIC INTRODUCTION TO PERFORMANCE – Certificate II

Subject Fee:	\$ 56 per year
Module Workbook	\$ 60 per year

VET Qualification

Students who successfully complete the 10 units of competence of this one year course are eligible for the award of CUS20101 Certificate II in Music Industry (Foundation).

Course Description

This one year course aims to provide a foundation for students who wish to explore and develop their skills in Music Performance. No previous experience is required, but to successfully complete the course students will need to be prepared to rehearse and practice in their own time.

Some Units in the Course

1. Develop and update Music Industry knowledge
2. Develop music knowledge and listening skills
3. Develop technical skills for playing or singing Music
4. Work with others

Music (Introduction to Performance) Course and The VCAL Program

The VET program can count toward the industry specific skills strand or the work related skills strand of a VCAL program.

Pathways

Further studies in Music – e.g. VCE Music, VET Certificate III in Music Performance or Technical Production

RETAIL OPERATIONS - Part of Certificate II

Subject Fee:	\$ 40
--------------	-------

VET Qualification

Students who successfully complete the course are eligible for a statement of attainment SIR20207 - Certificate II in Retail Operations. 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. Interact with customers
3. Operate retail equipment

Pathways

Employment in the retail industry. Tertiary Studies: Students completing the course will gain credit towards Certificate II in Retail Operations and have advanced standing in a retail traineeship. Further study options are available at TAFE and University in areas such as retail, business management, marketing, arts, visual merchandising

SPORT AND RECREATION – Certificate II and III - AFL

Subject Fee:	\$ 57 per year
First Aid – Level 2	\$ 70
First Aid – Cert III	\$ 20
T-shirt (Optional)	\$ 50

VET Qualification

Students who successfully complete the first year course are eligible for the award of SIS20310 Certificate II in Sport and Recreation and in second year students are eligible for the award of SIS30501 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.

SPORT AND RECREATION – Certificate II and III - Soccer

Subject Fee:	\$ 57 per year
First Aid – Level 2	\$ 70
First Aid – Cert III	\$ 20
T. Shirt (Optional)	\$ 50

VET Qualification

Students who successfully complete the first year course are eligible for the award of SIS20310 Certificate II in Sport and Recreation and in second year students are eligible for the award of SIS30501 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 0 Refereeing license 5. Level 2 First Aid/ Sports Injury Management

Pathways – Same as AFL above.

SPORT AND RECREATION GENERAL – Certificate II and III

Subject Fee	\$ 57 per year
First Aid – Level 2	\$ 70
First Aid – Cert III	\$ 20
T-shirt (Optional)	\$ 50

VET Qualification

Students who successfully complete the first year course are eligible for the award of SIS20310 Certificate II in Sport and Recreation and in second year students are eligible for the award of SIS30501 Certificate III in Sport and Recreation.

Course Description

This two year 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 – Same as AFL, Soccer on previous page.

SCHOOL BASED APPRENTICESHIPS

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

- Students undertaking a School Based Apprenticeship in Hospitality at the Commercial Club, Albury, in Automotive (Heavy Vehicle) at Twin City Trucks, Wodonga and a 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 VCAL?

A School based Apprenticeship counts toward the student completing the Work Related Skills and Industry Skill units of VCAL

How does it fit into the V.C.E.?

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.

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.

EXAMPLES OF CERTIFICATES AVAILABLE AS SCHOOL-BASED APPRENTICESHIPS:

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

- Certificate II in Automotive-Electrical, Automotive-Heavy Vehicle Mobile Equipment, Local Government, Hairdressing and Certificate III in Carpentry

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. To commence one it requires an employer who:

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

Articulated Pathways from Wodonga Senior Secondary College to Wodonga TAFE, and on to Higher Education

What is an articulated pathway?

An articulated pathway is series of approved links that enables students to move between courses. Many vocational education and training (VET) courses link to pathways at secondary college and then to higher education (university).

Students are able to complete VET subjects at school and then articulate to Wodonga TAFE with guaranteed entry into a higher certificate/diploma within a pathway. Credit is given to all units successfully completed at Wodonga Senior Secondary College or Wodonga TAFE that articulate into higher courses. Please note that there may be compulsory or third party entry requirements for some courses.

What are the advantages of an articulated pathway through Wodonga TAFE?

- 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

Wodonga Senior Secondary College (Certificate II, Certificate III partial)	Wodonga TAFE (Certificates II, III, and IV; diploma; advanced diploma)	Higher education (bachelor degree)
Business	Business	Business, for example, Charles Sturt University
Furnishing - Cabinet making	Furnishing - Cabinet making	
Building and construction	Building and construction Building design and project administration	
Community recreation	Fitness	
Community services	Children's services Aged care Disability work Community services Community welfare work	Primary and early childhood education, for example, social science
Engineering	Engineering	Engineering, for example, RMIT University
Hospitality – Food and beverage – Commercial cookery	Hospitality (CC) Hospitality management	Business management
Information technology	Information technology	Information technology
Laboratory skills	Laboratory techniques	
Multimedia	Multimedia	Multimedia
Retail - Certificate I	Retail	
Logistics	Logistics	Logistics

The examples given are a guide only. For more information, refer to Wodonga TAFE's 2014 course guide, visit www.wodongatafe.edu.au; call course information on 02 6055 6606 or email courseinfo@wodongatafe.edu.au.

More details about articulated pathways and credit processes will be listed on the website in October 2014.

Pathways through Course Selection – Sample course aiming for Physiotherapy

Year 10		Year 11		Year 12	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English	English	English	English	English	English
Maths	Advanced	Methods (CAS)	Methods (CAS)	Methods (CAS)	Methods (CAS)
Science	Science	Physical Education	Physical Education	Physical Education	Physical Education
Humanities	Humanities	Biology	Biology	Biology	Biology
Vis Com	Digital Photography	Studio Arts	Studio Arts	Studio Arts	Studio Arts
VET Sport & Rec	VET Sport & Rec	VET Sport & Rec	VET Sport & Rec		

If successful this student would receive a complete Victorian Certificate of Education, and a Certificate II in Community Recreation-General Sport Focus. Studio Arts is a subject which, for this student, is something quite different to think about and study. The student would have 6 subjects counting towards an ATAR ranking for entry into a tertiary course of studies.

Tertiary Studies – example

- Physiotherapy at La Trobe University
- Prerequisites: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in two of Biology, chemistry, a mathematics (any), physical education or physics.

The student has the right subjects ... and simply needs to get the right scores in year 12!

Pathways through Course Selection – Sample course aiming for Software Engineering

Year 10		Year 11		Year 12	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English	English	English	English	English	English
Maths	Advanced	Maths Methods	Maths Methods	Maths Methods	Maths Methods
Science	Science	Information Technology	Information Technology	IT Applications	IT Applications
Humanities	Humanities	VET IT Network stream	VET IT Network stream	VET IT Network stream	VET IT Network stream
Computer Applications	Programming	Outdoor Education	Outdoor Education	Outdoor Education	Outdoor Education
Life Long Recreational Sports	Fantasy Art	C20th History	C20th History		

If successful this student would receive a complete Victorian Certificate of Education, and a Certificate III in Information Technology – Network Stream. Outdoor Education is a subject which, for this student, is something quite different to think about and study. The student would have 5 subjects counting towards an ATAR ranking for entry into a tertiary course of studies.

Tertiary Studies – example

- Software Engineering at Monash University
- Prerequisites: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 20 in mathematical methods or specialist mathematics or at least 35 in further mathematics.

The student has the right subjects ... and simply needs to get the right scores in year 12!

Pathways through Course Selection – What course might work for you?

There are two tables here which you can fill in. Remember that whatever you do now will not lock you into any subjects in Year 11 or Year 12.

What else do you need to know?

For information about jobs and training or further study, www.joboutlook.gov.au is helpful.

For information about prerequisites for tertiary study, **The VTAC Guide**, at www.vtac.edu.au is helpful.

If you don't want to think about it too much now, that's OK because it will come up again in Pathways activities, and in Year 10, when you look at Careers.

I'm interested in what should I do?

Year 10		Year 11		Year 12	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English	English	English	English	English	English
Maths	Maths				
Science	Science				
Humanities	Humanities				

I'm interested in what should I do?

Year 10		Year 11		Year 12	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English	English	English	English	English	English
Maths	Maths				
Science	Science				
Humanities	Humanities				

There are several people at Wodonga Senior Secondary College you can talk to ... your Pathways teacher, the VET Coordinator, the Careers Coordinator, the Trade Training Coordinator, the Structured Workplace Learning Coordinator and the Work experience Coordinator are some of the people who can help.

NOTES