

*STAWELL SECONDARY
COLLEGE*



YEAR 10 HANDBOOK
2009

STAWELL SECONDARY COLLEGE

Patrick Street, Stawell 3380 Phone: 53581700 Fax: 53583096

Email: stawell.sc@edumail.vic.gov.au

Website: www.stawellsc.vic.edu.au

PARENT CONTACT 2008

Year 10 Level Manager Brendan Pateman
Principal Peter Hilbig
Assistant Principal Murray Hart

VISION

The fundamental purpose of Stawell Secondary College is to enable every student to reach his or her full academic, social and physical potential.

CORE VALUES

Stawell Secondary College upholds the following core values. We believe that the acceptance of these values is vital if each member of the community is to realise their potential. We also understand that the acceptance of these values will promote each individual's general well being and therefore make our community a safer, more dynamic and better place.

- Good work habits and a positive attitude to learning
- Respect for others
- Co-operation and community spirit
- Respect for property and the environment
- Having a healthy lifestyle

The Year 10 Program at Stawell Secondary College

Year 10 is an important transition year for students as they gradually take more responsibility for their own learning. Year 10 students have a great deal of flexibility in choosing a program that suits them, they have fewer compulsory subjects and the opportunity to study a VCE or VET subject. The College will endeavour to assist each student to achieve their full potential whilst encouraging him/her to grow as an independent learner.

WELCOME TO YEAR 10 STUDIES

Dear Students

Congratulations on completing Years 7, 8 and 9 and welcome to the senior school. Year 10 will offer you an opportunity to explore a wide range of opportunities in subject selection, personal interaction and physical activity to enable you to reach your academic, social and physical potential.

The range of Year 10 subjects allows you to try a number of options to inform your decisions about VCE (Victorian Certificate of Education) or VCAL (Victorian Certificate of Applied Learning) in Years 11 and 12. If you wish to extend yourself, or spread your Year 12 work load, the opportunity to commence a VCE Unit may be available in Year 10.

A week of Work Experience will form an integral part of the Year 10 program, offering additional insight to assist your choices about the future.

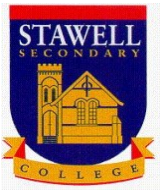
I encourage you to invest your time and talent into Year 10. Teachers will be working to develop a challenging but caring environment which emphasises self discipline, respect and the importance of taking personal responsibility for your learning. Assistance is available to address concerns you might have about the learning program or issues which influence your school and life experience. Social, physical and academic balance will be promoted to maximise your success.

Enjoy Year 10. Take advantage of the opportunities to develop new skills, knowledge and personal qualities that will equip you for the future. Work with your fellow students to form enduring friendships which help you learn together; and look to your teachers as mentors, build your relationships with them and others who can support your learning journey.

Use your Year 10 experience to consider and prepare for all the possibilities in Year 11 and 12 and beyond.

Good luck and best wishes

Peter Hilbig
Principal



CONTENTS

YEAR 10 PROGRAM	6
VCE AND VET SUBJECT INFORMATION	7
UNITS AVAILABLE IN YEAR 10	8
VCE AND VET STUDIES AVAILABLE TO YEAR 10	9
YEAR 10 CORE UNITS - ENGLISH PATHWAYS	10
English	
Foundation English	
English as a Second Language	
SENIOR MATHEMATICS PATHWAYS	13
Mathematics Core Level Semester One	
Mathematics Core Level Semester Two	
Mathematics Advanced Level	
Foundation Mathematics	
YEAR 10 ELECTIVE UNITS	17
THE ARTS	18
Art	
Ceramics	
Drama	
Graphic Communication and Design	
Media Studies	
Music	
Music Industry (VET) Certificate II	
ENGLISH	21
English Literature	
HEALTH AND PHYSICAL EDUCATION	22
Health	
Home Economics	
Outdoor Education	
Physical Education	
Sport Education	
LOTE	25
German	
Chinese	
HUMANITIES	26
Commerce: Planning Ahead	
Geography	
History	

Rural Studies	
SCIENCE	28
Chemistry and Physics	
Life Sciences	
Environmental Science	
DESIGN, CREATVITY and TECHNOLOGY	29
Auto Systems Technology	
Catering	
Electronic Practices	
Engineering Workshop Experience	
Information Technology	
Metalcraft	
Textiles	
Woodwork	
YEAR 10 SUBJECT SELECTION SHEET (Student Copy)	33
YEAR 10 SUBJECT SELECTION SHEET (School Copy)	34

Year 10 Program - 2009

Victorian Essential Learning Standards

The Victorian Essential Learning Standards, introduced to all Victorian Government Schools in 2005, describe what is essential for all students to achieve at each level from Prep to Year 10. By the time a student reaches Year 10 they are beginning to 'Develop Pathways' for their future studies or work. This means that each student needs to take greater responsibility for their own learning, develop greater independence and explore how their learning can be applied to the world around them. Students also begin to develop personal preferences in learning areas.

The Victorian Essential Learning Standards are developed within three core interrelated strands:

- Physical, Personal and Social Learning
- Discipline-based Learning
- Interdisciplinary Learning

Stawell Secondary College has developed a varied curriculum in line with VELS which meets the Learning Standards, as well as catering for individual needs, through a combination of compulsory core subjects and a wide range of electives.

Year 10 Organisation

The school week is divided into six 'blocks'. Students will be allocated one subject in each block and each subject is allocated 5 periods. In Year 10, students study a minimum of **six** subjects per semester, **twelve** per year.

Year 10 students who choose a one day a week VET course will complete this on Wednesday and consequently miss their other timetabled classes for that day. Most students who choose this option have few problems with this arrangement and catch up on work missed.

Each student's program of study will include:

- **core subjects - English and Mathematics**
- **elective subjects**

Core subjects are compulsory subjects and must be taken in both semesters. There are only **two** core subjects in Year 10 - English and Mathematics. Elective subjects allow students to have some choice in their learning by giving them the opportunity to select subjects that appeal more to their interests. To ensure that students experience the full range of the curricula and do not limit their future options, their selections must meet minimum requirements. Language electives must be chosen for both semesters. If you choose a VCE or VET subject you must choose this subject in both semesters. If you choose a VCE or VET subject then an interview with you, your parents and a year level manager can be arranged to ensure that all details are clear.

If you wish to study a VCE or VET subject you should attend the VCE/VET information evening for parents and students on Wednesday August 13 at 7.00pm in the College Library.

VCE/VET & VCAL

In Year 11 students make the choice between studying VCE or VCAL and Year 10 students may choose to study either a VCE subject or begin a VET course which can count towards both the VCE and VCAL.

VCE is the Victorian Certificate of Education which provides an academic pathway to university and TAFE studies or employment.

VCAL is the Victorian Certificate of Applied Learning provides a vocational pathway for students who wish to pursue an apprenticeship, TAFE studies or go directly from school into employment.

INFORMATION ABOUT VET COURSES (*VOCATIONAL EDUCATION AND TRAINING*).

1. **VET courses** are certificate courses that are nationally accredited (recognised everywhere in Australia). They are taught by TAFE Colleges, Private Providers and Adult Education Centres, and also in VCE and in Secondary College Courses.
2. **VET courses** often include on the job training in the form of Structured Workplace Learning (more assessment related than normal schools' Work Experience)
3. **VET courses may be run by Stawell Secondary College.**
4. **Providers:** VET courses are often run by external providers such as, The University of Ballarat (Horsham, Stawell and Ararat), Workco, (Longernong Agricultural College), BRACE and The Horsham Learning Centre (Hub).
5. **When:** Generally students travel to the outside provider's venue to take the studies. It is expected that these VET courses will be conducted on Wednesdays (morning, afternoon or all day depending on the course).
6. **Travel:** Students must arrange their own transportation to the venues for any externally run VET course. Parents and other adults may make arrangements to share the travel.
7. **VCE** (Victorian Certificate of Education) includes VET subjects in both Year 11 and Year 12. All VET subjects contribute to the achievement of one unit in the VCE.
See the VCE/VCAL Managers for more information about VET courses.
8. **Costs:** There are additional materials and services charges for students taking VET courses. Charges have not been set for 2009 and the College will let parents and students know as soon as possible, the amount for each course. The minimum in 2008 was **\$160.00** for the year.

Information about individual VCE/VET courses is available in the VCE and VCAL Handbook, which you can get from the Year 10 Level Manager or the VCE/VCAL Managers. Copies of the relevant sections will be available. If you are interested, it is important that you attend the student information sessions and parent information evening for students wishing to take VCE/VET subjects on Wednesday August 13, 2008 7pm.

Units Available in Year 10 2009

THE ARTS

ART10	Art
CER10	Ceramics
DRA10	Drama
GRA10	Graphic Communication & Design
MED10	Media Studies
MUS103/104	Music
AMU13	Music Industry (VET) Certificate II

MATHEMATICS

MAT103/104	Mathematics Core Level
MAA104	Mathematics Advanced Level
MAG103/104	Foundation Mathematics

SCIENCE

CHP10	Chemistry and Physics
SLI10	Life Sciences
SEV10	Environmental Science

ENGLISH

ENG103/104	English
ENG10F3/10F4	Foundation English
ESL10	Intensive English Language
LIT101	English literature

DESIGN, CREATIVITY & TECHNOLOGY

AUT10	Auto Systems Technology
CAT10	Catering
ELE10	Electronic Practices
EWE10	Engineering Workshop Experience
IFO10	Information Technology
MET10	Metalcraft
TEX10	Textiles
WWK10	Woodwork

HEALTH & PHYSICAL EDUCATION

HEA10	Health
HEO10	Home Economics
OED10	Outdoor Education
PEO10	Physical Education
SED10	Sport Education

LOTE

GER101/102	German
LCH101/102	Chinese

HUMANITIES

CPA10	Commerce: Planning Ahead
GEO10	Geography
HIO10	History
RUS10	Rural Studies

VCE/VET Studies that may be available in Years 10, 11, 12
--

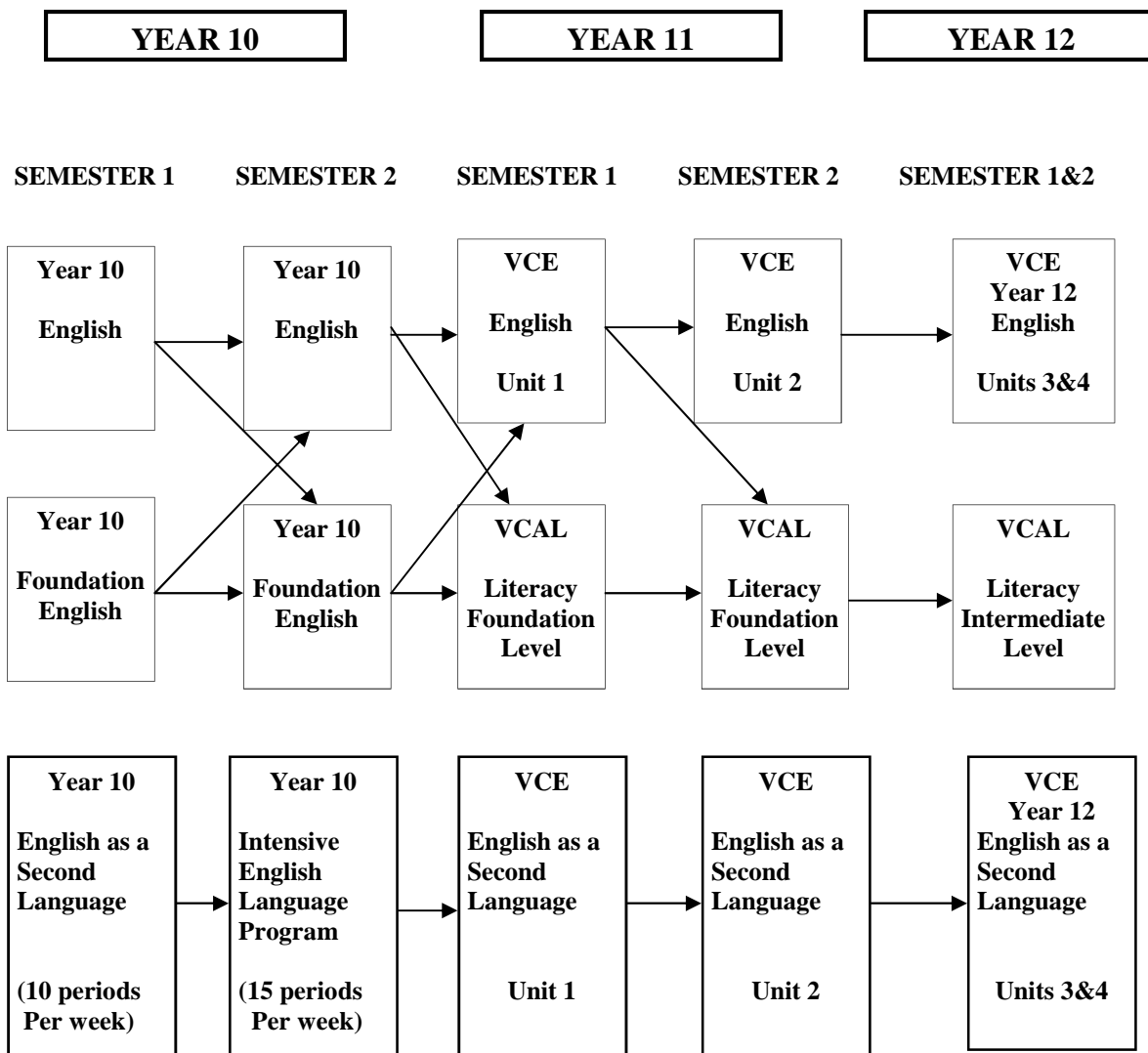
Accounting
 Art/Studio Art
 Biology
 Business Management
 Chemistry
 Design & Technology (Engineering, Metal, Textiles, Wood)
 Drama
 English
 English Literature
 Food & Technology
 Geography
 Health & Human Development
 History
 Information Technology
 Languages- German
 Legal Studies
 Mathematics
 Media (Units 1&2)
 Music-Performance
 Physics
 Psychology
 Systems & Technology (Automotive, Electronics)
 Visual Communication & Design

VET Agriculture Certificate II	Longerenong
VET Automotive (Technology Studies) Certificate II	Stawell Secondary College
VET Building & Construction Certificate II	Ararat Community College
VET Business	Distance AIET Classroom facilitation at Stawell Sec. College
VET Community Services (Childcare) Certificate II	Distance Learning SWTAFE

VET Conservation & Land Management Certificate II	Longerenong
VET Engineering Technology Certificate II	Stawell Secondary College
VET Equine Industry Distance Certificate II	Distance Learning SWTAFE
VET Food Processing (Wine) Certificate II	Marian College
VET Furnishing (Cabinet Making) Certificate II	
Pre Apprenticeship	Stawell Secondary College
VET Hair and Beauty selected Units of Certificate II	Stawell Secondary College
VET Hospitality (Operations) Certificate II	UB Stawell Campus
VET Information Technology Certificate III	Marian College
VET Multimedia (Arts) Certificate II and III	HUB
VET Music Industry Skills Certificate II	Stawell Secondary College
VET Retail Operations Partial Completion of Certificate II	Distance AIET Classroom Facilitation Stawell Sec College
VET Sport and Recreation Certificate II in fitness	Marion College

YEAR 10 CORE UNITS

SENIOR ENGLISH PATHWAYS



Students may change English Electives at the end of a semester in the directions shown by the arrows. Depending on their performance, students may change between English and Foundation English until the start of Year 11. Your English teacher will advise you about your selection. Their advise will be to challenge yourself, if you are uncertain about which English course to choose, select the more challenging one.

ENGLISH

ENG103/104

The focus of this course is to reinforce and consolidate skills of reading, writing, thinking and speaking and listening, with a particular focus on preparing students for VCE. Students learn to further develop language skills essential for both life and their future education. Students are encouraged to read and analyse a broad range of texts including literature, non-fiction, the media and everyday texts. Students are also encouraged to develop their personal writing and emphasis is placed on writing for different audiences and purposes. Oral expression and confidence is developed through class discussion, formal and informal speeches, drama and other tasks. Where possible students will be encouraged to use word processing to assist in the presentation and development of their written work.

ASSESSMENT

- Written exam in both semesters
- Written tasks
- Reading – comprehension and analysis
- Oral tasks

FURTHER STUDIES

This course leads to VCE English, VCE Literature, VCAL literacy.

FOUNDATION ENGLISH

ENG10F3/10F4

The focus of this course is to meet the needs of those students who need additional time and assistance to strengthen their literacy skills. Emphasis is placed on writing for various purposes and audiences, including summaries, letters, and multimedia presentations and reading a variety of texts, including novels, non-fiction, short stories, the media, everyday texts and films. Oral tasks include preparation and speaking in group discussions, short talks and multi-media presentations.

ASSESSMENT

- Written exam in both semesters
- Written tasks
- Short exercises
- Reading tasks
- Oral tasks

FURTHER STUDIES

This course leads to VCE English, VCAL Literacy.

Please note: Students who wish to study Year 11 VCE English Units 1 & 2 will be expected to demonstrate (during Year 10 English or Foundation English) that they have a suitable work ethic and literacy skills appropriate to VCE studies.

ESL (English as a Second Language)

ENGLISH AS A SECOND LANGUAGE - SEMESTER ONE

ESL101

The focus of this course is to immerse newly arrived International students in English Language and Australian Culture and prepare them for VCE studies in the following year. Students are taught for 10 periods per week in small classes of between 2 –10 students to maximise individual attention. Students receive intensive oral, written and aural tuition and are introduced to the Stawell community and area. Students are encouraged to read widely in the English language.

ASSESSMENT

- Written exam
- Written tasks
- Listening tasks
- Oral tasks

FURTHER STUDIES

This course leads to VCE English as a Second Language.

INTENSIVE ENGLISH LANGUAGE PROGRAM - SEMESTER TWO

ESL102

The focus of this course is to immerse newly arrived International students in English Language and Australian Culture and prepare them for VCE studies in the following year. Students are taught for 15 periods per week in small classes of between 2 –10 students to maximise individual attention. Students receive intensive oral, written and aural tuition and are introduced to the Stawell community and area. Students are encouraged to read widely in the English language and must take part in Public Speaking competitions.

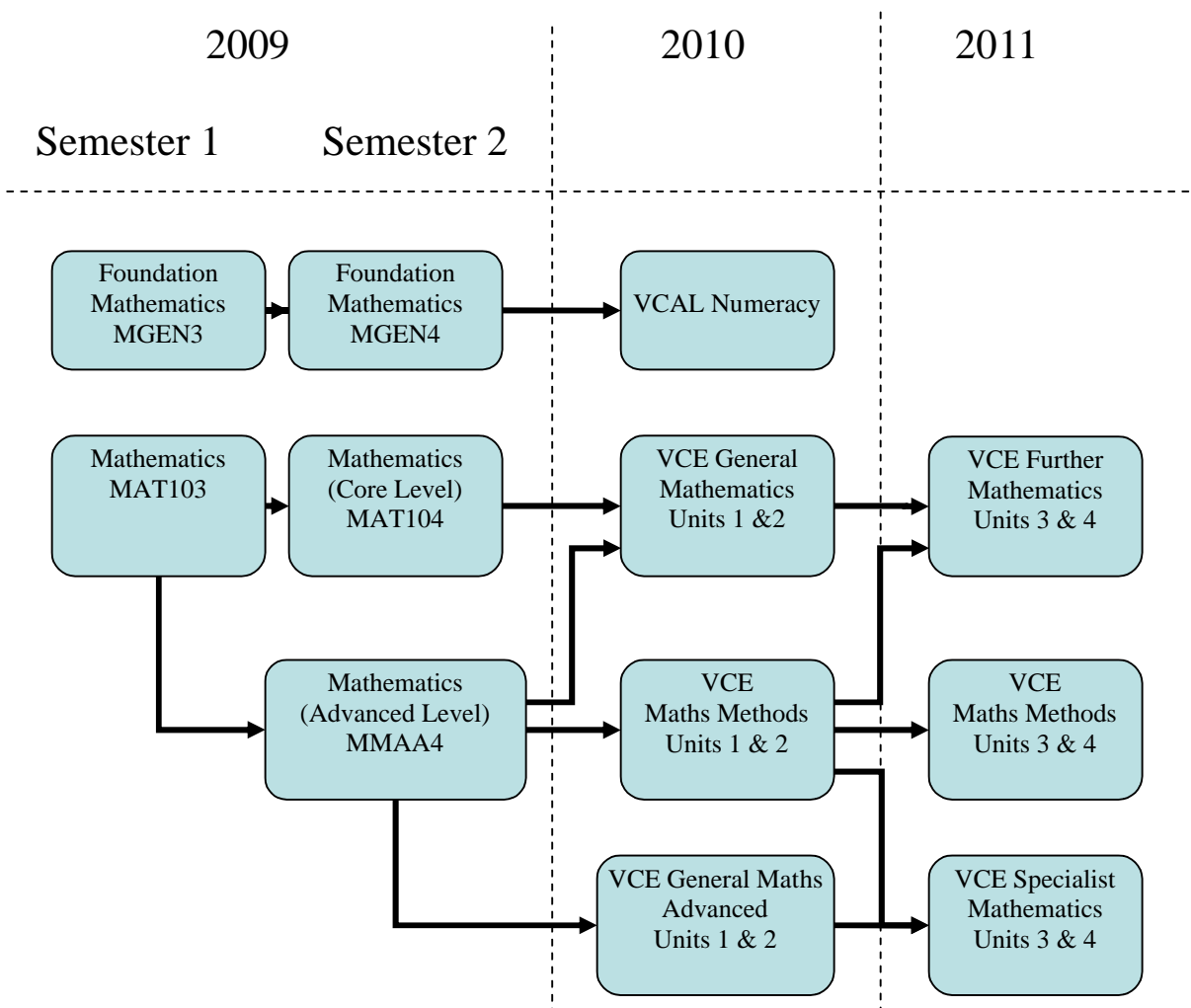
ASSESSMENT

- Written exam
- Written tasks
- Listening tasks
- Oral tasks

FURTHER STUDIES

This course leads to VCE English as a Second Language.

SENIOR MATHEMATICS PATHWAYS



Due to the different mathematics options available to students at VCE/VCAL, students are advised to select the appropriate mathematics depending upon which VCE/VCAL Mathematics they wish to undertake in 2010 and 2011. If you have any questions concerning mathematics subject choices, please feel free to consult your mathematics teacher, Mr Dalziel, or the year 10 or VCE level managers.

PLEASE NOTE

- Year 10 students wishing to undertake VCE Maths Methods at Year 11 should select the advanced level Mathematics in Semester 2, 2009.
- Students undertaking Foundation Mathematics at Year 10 will not gain the necessary skills to continue further study in **any** VCE Mathematics.

MATHEMATICS CORE LEVEL - SEMESTER ONE

MAT103

Mathematics plays a vital role in our increasingly technological society. This unit offered in semester one takes into account the needs and aspirations of a wide range of students while providing access to worthwhile and challenging mathematical learning. Students will be working towards VELS Level 6 where the following topics are covered:

- Number: surds, scientific notation, percentages
- Space: length, area and volume
- Measurement, Chance and Data: trigonometry, Pythagoras' theorem, statistics
- Structure: linear equations and graphs
- Working Mathematically: problem solving activities utilising technology to explore mathematical relationships

ASSESSMENT

- Unit tests
- Written exam
- Problem Solving assignments
- Project Investigation reports

FURTHER STUDIES

This course leads to Year 10 Core maths or Year 10 Advanced maths in semester two.

MATHEMATICS CORE LEVEL - SEMESTER TWO

MAT104

This course is offered in Semester two and has an emphasis on practical methods and applications. It is designed to meet the needs of those students who wish to undertake Year 11 General Mathematics. Students will be working towards VELS Level 6, where the following topics are covered:

- **Number:** consumer mathematics, scientific notation
- **Space:** geometry
- **Measurement, Chance and Data:** probability, variation
- **Structure:** linear equations and graphs
- **Working Mathematically:** problem solving activities utilising technology to explore mathematical relationships

ASSESSMENT

- Unit tests
- Written exam
- Problem Solving assignments
- Project Investigation reports
- Work samples
- Homework sheets
- Observation of class activities

FURTHER STUDIES

This course will allow entry into Year 11 General Mathematics and VCAL Numeracy

MATHEMATICS ADVANCED LEVEL - SEMESTER TWO **MAA104**

This course is offered in semester two and is designed to meet the needs of those students who wish to undertake Maths Methods in Year 11. Students will be working towards VELS Level 6, where the following topics are covered:

- **Number:** rational and irrational numbers
- **Space:** geometry
- **Measurement, Chance and Data:** probability, variation
- **Structure:** factorisation, quadratic and exponential functions, simultaneous equations
- **Working Mathematically:** problem solving activities utilising technology to explore mathematical relationships

ASSESSMENT

- Unit tests
- Written exam
- Problem Solving assignments
- Project Investigation reports
- Work samples
- Homework sheets
- Observation of class activities

FURTHER STUDIES

This course will allow entry into any VCE Year 11 Mathematics course and is a prerequisite for Year 11 Maths Methods.

FOUNDATION MATHEMATICS

MAG103/104

This is a year long course designed to meet the needs of those students who would find the Core and Advanced Mathematics too difficult. The aim of the course is to give students the knowledge and confidence needed for functional numeracy and sufficient time to practise and master mathematical concepts. The emphasis will be on practical methods and applications.

In semester one, Foundation Mathematics will cover the following topics:

- Computation including revision and application of all aspects of numbers with emphasis on practical application
- Basic algebra
- Length, area, place, time and change
- Geometry
- Statistics
- Problem solving

In semester two, Foundation Mathematics will cover the following topics:

- Consumer maths
- Algebra and equations
- Statistics
- Geometry
- Trigonometry
- Problem solving

ASSESSMENT

- Unit tests
- Written exam
- Problem Solving assignments
- Project Investigation reports
- Work samples
- Homework sheets
- Observation of class activities

FURTHER STUDIES

*This course **only** leads to Year 11 VCAL Numeracy.*

YEAR 10 ELECTIVE UNITS

Students have the opportunity to take greater responsibility for their own learning and develop personal preferences in learning areas by selecting a number of elective units:

- up to eight Year 10 electives
- a VCE or VET subject may take the place of elective units if there are sufficient places remaining after VCE students have been allocated to their subjects.
- A VCE or VET subject will take the place of **2 elective choices** as these subjects are taken in a two unit sequence over both semesters.
- **Students interested in studying a VCE or VET subject will need to get a VCE or VCAL/VET Handbook from the Year 10 or VCE or VCAL Level Managers.**

To broaden their educational experience students are encouraged to sample subjects from across the full range of the curriculum. To achieve this aim, students must take at least one unit from each of the following Strands each year.

- Discipline-based Learning - The Arts
- Discipline-based Learning - Humanities
- Disciplined-based Learning - Science
- Physical, Personal and Social Learning - Health & PE
- Interdisciplinary Learning - Technology

Please note:

Each elective subject may only be taken ONCE unless otherwise stated, and no more than THREE electives may be taken from each Strand.

ELECTIVE UNITS

THE ARTS

Year 10 students must complete at least one unit from the following.

ART

ART10

The focus of this course is on developing and refining visual concepts with an emphasis on improving drawing skills. Students will be expected to use a variety of mediums and approaches in order to become more fluent in visual language. Students will use visual problem solving to explore and present a range of possibilities for each task before presenting the 'Finished Art'. Students will also be expected to analyse historical and contemporary art works in written and/or oral presentations.

ASSESSMENT

- Written exam
- Visual folio
- Work journal
- Written and/or visual presentations

This course may be taken as a 1 or 2 semester unit. Students planning to select VCE Art should choose this unit for both semesters.

FURTHER STUDIES

This course leads to VCE Studio Arts and Visual Communication and Design.

MATERIALS COST: \$10.00

CERAMICS

CER10

The focus of this course is on **form, function and surfaces** used in producing hand built and wheel forms in clay. Students will be expected to experiment in a wide range of construction and finish processes. Various other sculptural mediums will be used and students will be encouraged to generate their own forms based on their research into past and present artists and styles.

ASSESSMENT

- Written exam
- Folio
- Journal
- Research/assignments

FURTHER STUDIES

This course leads to VCE Art and VCE Studio Arts.

MATERIALS COST: \$10.00

DRAMA

DRA10

This course provides opportunities for students to learn about dramatic art through the experience of imagining, making and being in role. Students are encouraged to develop communication skills by using a variety of dramatic forms and developing imaginative and thinking processes through the experience of being in role and performing to an audience. Students are required to increase their understanding of Drama through the research of a variety of theatre forms and keep a logbook in which they reflect on their experiences and learning.

ASSESSMENT

- Written exam
- Participation in and contribution to group activities
- Performance
- Self evaluation
- Peer evaluation

FURTHER STUDIES

This course leads to VCE Drama and VCE Theatre studies.

GRAPHIC COMMUNICATION AND DESIGN

GRA10

This course requires students to develop and refine visual concepts, drawings and constructed art works based within the limitations of specified design briefs. With problem solving a priority, students will be asked to explore and present a range of possibilities for each task and present the 'Finished Art'. Images will be generated using freehand, instrumental and computer techniques.

The range of design briefs might include:

- Architectural drawings to scale
- Rendering of objects in various mediums
- Advertising and poster making
- Costume and set design
- Packaging, lettering and logos
- Making three dimensional

ASSESSMENT

- Written exam
- Visual folio
- Work journal
- Written and/or visual presentations

FURTHER STUDIES

This course leads to VCE Visual Communication and Design.

MATERIAL COSTS: \$10.00

MEDIA STUDIES

MED10

The focus of this course is how the different forms of media influence our thoughts, ideas and the way we live our lives. The changes to ways of communicating both visually and using text are explored in this unit. Students are introduced to using digital cameras to create both still and moving images. They investigate ways of seeing and ways of both recording and communicating visually. Students can explore personal themes and varied production methods to produce more sophisticated images. Students will also be required to participate in presenting and exhibiting their own work to an audience both inside and outside the school.

ASSESSMENT

- Written exam
- Production of images using a variety of equipment in different locations
- Journal
- Research assignments

FURTHER STUDIES

This course leads to VCE Media Studies.

MUSIC

MUS103/104

The focus of this course is to maximise opportunities for performance. Students are encouraged to perform as much as possible and to spend time developing their skills as well as extending their theoretical knowledge. Students will also be expected to explore elements of music technology to create an audio book of a story where they record the text and add music and sound effects.

Students **must** be learning an instrument to take this course.

ASSESSMENT

- Written exam
- Solo and group performances
- Assignments and tests
- Workbook

This course may be taken as a 1 or 2 semester unit. Students planning to select VCE Music should choose this unit for both semesters.

FURTHER STUDIES

This course leads to VCE music.

MUSIC INDUSTRY (VET) Certificate II

AMUI3

The Certificate II in Music Industry is a Vocational, Education and Training (VET) course that gives students hands-on skills and an insight into many aspects of the music industry. The course is organised in many modules, some are:

- Technology of music industry
- Performance
- Business and music industry understandings
- History and styles of popular music

ASSESSMENT

- The course is divided into specialist modules and students' performance on each module will be assessed in an appropriate way. This will include practical, written, spoken and computer-based exercises and performance. Each module will be assessed as competencies satisfactorily demonstrated or not demonstrated.

FURTHER STUDIES

TAFE Colleges offer a range of courses that follow on, such as the Certificate III in Music Industry, Certificates and Diplomas in Sound Engineering and in Performance. Music Business Management can be studied in the Bachelor of Business (Music Industry) at Victorian University of Technology (VUT).

MATERIALS & SERVICE COST: In 2008 the charge was \$160 per student, this is currently under review

ENGLISH

ENGLISH LITERATURE

LIT10

The focus of this course is to involve students in reading, writing and talking about the nature and value of a wide range of literature. It is designed to enable students to develop an understanding of the variety of human experience and a critical appreciation of our culture and the cultures of others as represented in literature. Students are encouraged to take an interest in reading widely and independently and develop the ability to read closely and critically. This course seeks to stimulate a genuine interest in and enjoyment of literature.

ASSESSMENT

- Written exam
- Journal
- Participation in class discussion
- Writing folio
- Critical appraisal of texts.

FURTHER STUDIES

This course leads to VCE English Literature.

HEALTH AND PHYSICAL EDUCATION

Year 10 students must complete at least one unit from the following Health and PE electives.

HEALTH

HEA10

The focus of this course is to reflect the needs of the students and the school community and to develop an understanding of the physical, social and emotional dimension of health. Students are encouraged to take an interest in their own health; to appreciate themselves as unique individuals; to examine their personal actions; to critically think about the family, cultural groups and the wider community; and to consider the effects of the physical and social environment on young people's health. This course also aims to make students feel empowered to make and carry out informed health promoting decisions. Topics covered include stress and mental health, road safety and drug use, which focuses of illicit drugs such as Ecstasy, accessing health care, health promotion campaigns and planning for the future.

ASSESSMENT

- Written exam
- Assignments/projects
- Data analysis tasks
- Media analysis/review tasks
- Short exercises
- Tests

FURTHER STUDIES

This course leads to VCE Health and Human Development.

HOME ECONOMICS

HEO10

The focus of this course is to investigate factors that influence food choice and healthy eating behaviours. Students will examine the nutritional status of Australians and analyse the links between diet and current community health issues. Students will also investigate special dietary needs and ways of improving their own diets. Patterns of food consumption in Australia will be researched and compared with those in other countries. Students will also prepare a range of snacks, cakes, meals and desserts based on nutritional principles.

ASSESSMENT

- Written exam
- Short exercises
- Assignments
- Practical skills
- Tests

FURTHER STUDIES

This course leads to VCE health and Human Development, VCE Food and Technology and VET Hospitality.

MATERIALS COST: \$50.00

OUTDOOR EDUCATION

OED10

The main focus of this course is to expose students to a wide range of outdoor recreation and adventure activities available within the local area. This will involve both practical and theory sessions. The practical activities may include: trust and initiative activities, mountain bike cycling, orienteering, map reading and navigation, canoeing, bush walking and camping, indoor climbing, rock climbing and abseiling in an outdoor environment, ropes course, first aid, lightweight stove cooking, water safety and rescue and snorkelling skills. The theoretical work will be closely related to the practical activities undertaken.

A COMPULSORY OVERNIGHT CAMP will be held during two to three school days where a number of outdoor activities will be undertaken.

An optional surf trip may be offered at extra cost.

ASSESSMENT

- Written exam
- 90% practical participation
- Co-operation and teamwork
- Development of outdoor skills
- Safety awareness
- Overnight camp
- Project
- Journal reports and debrief questions
- Interpersonal skills and communication

SERVICES CHARGE: \$130.00

The Outdoor Education Department subsidises a large component of the costs involved with the activities. However, due to the use of private companies for activities such as rock climbing, indoor wall climbing, high ropes, canoeing and the associated transport to outside venues, there is a services charge to be met by the students. This charge can be paid by instalments. Bike hire is an extra cost.

FURTHER STUDIES

This course leads to VCE Physical Education.

PHYSICAL EDUCATION

PEO10

The focus of this course is both practical and theoretical. Students are expected to develop and demonstrate proficiency in complex manipulative and movement skills through regular participation in a range of individual and team sports. The practical activities which **may** be covered include: tennis, archery, squash/racquetball, badminton, fitness testing and fitness training, golf, lawn bowls/bocce, aquatic games, mini triathlon, CPR. Theoretical work will centre around the following topics and how they interact when a person is involved in physical activity: skeletal and muscular systems, circulatory and respiratory systems, physical fitness, posture, sports injuries, strategic thinking, issues in community involvement in physical activity and fitness programs.

ASSESSMENT

- Written exam
- Research assignments
- Written evaluations
- Working in teams
- Strategic thinking
- Practical participation
- Skill development
- Skills/Performance analysis
- Personal fitness program

FURTHER STUDIES

This course complements Year 10 Sport Education, Year 10 Outdoor Education and leads to VCE Physical Education.

ADDITIONAL INFORMATION

Costs associated with the participation in certain aspects of this course will have to be met by the students concerned (eg. golf green fees, Planet Feelgood entry, bus charges). There is a \$15 swimming cost; other costs will be kept to a minimum.

SPORT EDUCATION

SED10

The focus of this course is to expose students to all aspects of sport. Students will be expected to participate in practical activities, theory classes and coach primary aged students in a selected sport. The following practical activities **may** be covered: touch football, European football, Wally rugby, baseball, tennis, squash/racquetball, basketball, netball, table tennis, minor games, fitness testing, golf, indoor cricket and CPR. Students will undertake theoretical studies in the following areas: definitions of sport, the role of the media and spectators in sport, leisure, games and fitness, facilities for sport, sport administration and First Aid.

ASSESSMENT

- Written exam
- Assignments/worksheets
- Practical participation
- Sportsmanship/teamwork
- Major projects
- Administration of sporting activity
- Coaching
- Coaching diary

FURTHER STUDIES

This course complements Year 10 Physical Education, Year 10 Outdoor Education and leads to VCE Physical Education.

ADDITIONAL INFORMATION

Costs associated with the participation in certain aspects of this course will have to be met by the students concerned (eg. swimming costs, golf green fees and bus transport charges).

LOTE (Languages Other Than English)

GERMAN

GER103/104

The focus of Year 10 German is to continue to develop communication skills and language awareness. Building on a variety of topics, the course will further develop competence in conversation, communicative writing and grammatical construction. In multicultural Australia it is becoming increasingly desirable to be competent in a second language. German is one of the most commonly used languages in Australia's trade and cultural contacts and therefore can lead to career opportunities.

ASSESSMENT

- Written exam
- Written expression tasks
- Oral expression
- Understanding of spoken German
- Understanding of written German

German should be selected for both semesters. Students planning to select VCE German must select this subject for both semesters.

FURTHER STUDIES

This course leads to VCE LOTE (German). VCE students who study a Language Other Than English will get a percent bonus on their marks when applying for entry to most university courses.

CHINESE

LCH101/102

The focus of Year 10 Chinese is to continue to develop communication skills and language awareness. Their studies will include Chinese community, political and social issues. They will be expected to work closely with the Chinese students studying at the college to obtain excellence in their written and oral Chinese language skills. Students will participate in excursions, Chinese language competitions and culture days with students from other Victorian schools. In multicultural Australia it is becoming increasingly desirable to be competent in a second language. Knowledge of Chinese can open doors to a wide range of career opportunities as it is the language spoken by about one quarter of the world's population.

ASSESSMENT

- Written exam
- Oral tasks
- Listening tasks
- Written expression tasks
- Understanding of spoken Chinese
- Understanding of written Chinese

Chinese should be selected for both semesters. Students planning to select VCE Lote Chinese must select this subject for both semesters.

FURTHER STUDIES

This course leads to VCE LOTE (Chinese). VCE students who study a Language Other Than English will get a percent bonus on their marks when applying for entry to most university courses.

HUMANITIES

Year 10 students must complete at least one unit from the following.

COMMERCE: PLANNING AHEAD

CPA10

The focus of this course is twofold. Firstly students plan their career path and consider issues that relate to becoming independent. They look at work related issues, including resumes, interview skills and work experience. They investigate accommodation and legal issues relating to tenancy. Secondly they look at a spectrum of economic concepts. They describe how markets, government policies, enterprise and innovation affect the economy, society and environment in terms of employment, economic growth, the use of resources, exports and imports, and ecological sustainability. Students also analyse how goods and services are produced and how markets work. They consider Australia's standard of living and the range of factors that affect it. Students also analyse the role that governments and other institutions such as banks, the Australian Council of Trade Unions (ACTU) play in the economy and predict the economic consequences of proposed government policies.

ASSESSMENT

- Written exam
- Class exercises
- Projects/research tasks

FURTHER STUDIES

This course leads to VCE Accounting, Legal Studies, Business Studies, Economics, Industry and Enterprise Studies.

GEOGRAPHY

GEO10

The focus of this course is to expand students' global knowledge and understanding. Students explore the operation of a major natural system and its interaction with human activities. They evaluate the consequences of the interaction and develop a policy to address an issue related to it. Students describe global patterns of development from a range of perspectives and identify and describe the factors that determine these patterns. They analyse development issues and formulate and evaluate comprehensive policies, including those for sustainable use and management of resources, to alter development patterns at a range of scales. They use evidence based on their inquiries and geographical language and concepts.

ASSESSMENT

- Written exam
- Topic tests
- Projects
- Practical work
- Field work

FURTHER STUDIES

This course leads to VCE Geography.

HISTORY

HIO10

The focus of this course is to develop an understanding of the world and the issues involved in World War I and other major conflicts since then. Students investigate the causes and effects of World War I and then the Roaring Twenties and the Great Depression. They are also required to research World War II and the subsequent development of the Cold War. The final area of study is the growth of terrorism in the 21st century.

ASSESSMENT

- Written exam
- Essays
- Topic tests
- Power point presentations
- Research projects

FURTHER STUDIES

This course leads VCE History.

RURAL STUDIES

RUS10

The focus of this course is to introduce students to a variety of farming enterprises, skills and rural issues. Students are expected to be involved in various practical experiences that relate to aspects of rural life, visit a variety of farm enterprises and develop an awareness of the occupations and courses of study involved in the rural sector. Other activities may include practical work involving constructing and maintaining a vegetable plot, collecting and propagating seeds and the maintenance of small equipment. Students are offered some choice in the course content and topic may include: incubation and poultry rearing, sheep management, pig farming, game bird farming, cattle rearing, cereal production and aquaculture.

ASSESSMENT

- Written exam
- Major project
- Field (visit) reports
- Practical work/class work

FURTHER STUDIES

This course leads to VET Equine Studies.

SCIENCE

Year 10 students must complete at least one unit from the following.

CHEMISTRY AND PHYSICS

CHP10

The focus of this course is to introduce students to both Chemistry and Physics. It aims to give students a good understanding of scientific and experimental procedures and the fundamental concepts necessary for the study of the sciences at higher levels. This course is designed for those students who wish to continue scientific studies at Year 11 and 12. Chemistry topics include: the periodic table of elements, chemical bonding, solutions including acids and bases, chemical formulae and reactions and chemistry in industry. Physics topics include: units and vectors, moving object and Newton's laws of motion.

ASSESSMENT

- Written exam
- Topic tests
- Practical work
- Assignments

FURTHER STUDIES

This course leads to VCE Chemistry and VCE Physics.

LIFE SCIENCES

SLI10

The focus of this course is to introduce students to Biology and give them a solid grounding for the VCE Biology course in year 11. It aims to give students a good understanding of scientific and experimental procedures, and covers topics such as cell structure and function, DNA and genetics, and plant and animal adaptations. It is designed for students who wish to pursue science at higher levels.

ASSESSMENT

- Written exam
- Topic tests
- Practical work
- Assignments

FURTHER STUDIES

This course leads to VCE Biology.

ENVIRONMENTAL SCIENCE

SEV10

The focus of this course is to give students some understanding and scientific skills to meet the challenges of a rapidly changing world. Sustainability is the single largest challenge to our existence and will, in part, be met by people who can draw upon a range of scientific understandings to create solutions. This unit of studies challenges students to develop global, regional and local understandings of physical and ecological systems and identify scientific strategies to deal with sustainability issues. Students also develop theoretical solutions of their own to reduce both the consequences and causes of the issues.

ASSESSMENT

- Written exam
- Assignments
- Field trip reports
- Practical reports

FURTHER STUDIES

*This course does **NOT** specifically lead students into VCE Chemistry, Physics or Biology, but it does assist students in gaining skills required for Science studies in further education.*

DESIGN, CREATIVITY and TECHNOLOGY

Year 10 students must complete at least one unit from the following.

AUTO SYSTEMS TECHNOLOGY

AUT10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students are required to **investigate** the automobile including the history of the automobile, safety systems, the internal combustion engine and energy sources. The knowledge gained will be used to **design** a vehicle using components from existing machines. The major design task may be a motorised go-cart, a speedway sedan or a vehicle for the RACV Energy Challenge, a competition for school children based on sustainable transport options. **Production** of the students' designs will incorporate the use of hand tools and power tools and students will work in a team environment developing individual and team skills. Students will also overhaul automobile and lawnmower engines. **Evaluation** of the final product will be in the form of a report. For the production classes students are required to wear:

- safety glasses
- leather school shoes or boots
- safety equipment as deemed necessary by the teacher

ASSESSMENT

- Written exam
- Investigation report
- Design brief
- Production
- Evaluation

FURTHER STUDIES

This course leads to VCE Systems Technology Auto, VET Engineering, VET Automotive.

MATERIALS COST: \$15.00 Extra items made will incur extra costs.

CATERING

CAT10

The focus of this course is for students to **investigate, design, produce** and **evaluate** a variety of recipes/foods suitable for a number of target groups. Particular attention will be given to food safety and hygiene, how to improve present practices and familiarise students with current procedures in industry such as the local hospital and abattoir. Students will also examine the topics of food allergies, nutritional food labelling and garnishes and decorations. Students will be responsible for the organisation and operation of a small catering company. Students are encouraged to effectively communicate, take responsibility and work with others as a team, as well as work individually. They will make a variety of products using complex tools, equipment, machines, materials and ingredients and will learn to use time and resources economically and try to minimise waste.

ASSESSMENT

- Written exam
- Tests/short exercises
- Theoretical and practical assignments
- Participation in a small catering company
- Practical skills

FURTHER STUDIES

This course leads to VCE Food and Technology and VET Hospitality.

MATERIALS COST: \$60.00

ELECTRONIC PRACTICES

ELE10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students learn basic electronic theory, component identification and component codes. Basic skills in soldering, circuit production and diagnostic procedures are developed and students may go onto extension work. Students will **investigate** a range of energy technologies and the associated electronic systems and diagnostic fault finding skills will be developed through practical investigations. Students will work through a container **design** process that will include the use of CAD (computer-aided design) and PCB Wizard for circuit board design. Students will **produce** several models that include etched circuit boards and student designed and constructed acrylic containers. Students will **evaluate** their models against performance criteria. For the production classes students are required to wear:

- safety glasses
- leather shoes or boots
- safety equipment as deemed necessary by the teacher

ASSESSMENT

- Written exam
- Projects
- Theoretical and practical assignments
- Presentation

FURTHER STUDIES

This course leads to VCE Systems Technology.

MATERIALS COST: \$20.00

ENGINEERING WORKSHOP EXPERIENCE

EWE10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. It is a very practical subject, where students develop a knowledge of tools, materials and processes and an awareness of the functional and aesthetic aspects of engineering technology. The major emphasis is directed towards students **designing** projects which stimulate interest, increase knowledge and develop skills in using available machines and equipment. Procedures covered in this course will be turning, drilling, shaping, generating screw threads and numerous fitting operations. Students will also CAD (computer-aided design) in the **design** process. For the production classes students are required to wear:

- safety glasses
- leather school shoes or boots
- safety equipment as deemed necessary by the teacher

ASSESSMENT

- Written exam
- Individual projects
- Presentation of folio

FURTHER STUDIES

This course leads to VET Engineering Certificate II

MATERIALS COSTS: \$20.00 Larger models may incur an extra charge.

INFORMATION TECHNOLOGY

INF10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students will **investigate** appropriate use of ICT tools and editing skills for visualising thinking. They will **design** and **evaluate** different strategies for organising and managing resources involved in problem solving and **producing** information products. They will use ICT to **design** detailed plans that sequence tasks to be done, resources needed and timelines for completion. Students will use accepted protocols to communicate regularly online with peers, experts and others, expressing their messages in language appropriate to the selected form of communication and demonstrating respect for cultural differences. The ICT applications **investigated** include: FrontPage, Flash, Adobe Photoshop, Access, Inspiration, Caligari, Visual Basic and PowerPoint.

ASSESSMENT

- Practical exam
- Text processing exercises
- Image processing exercises
- Number processing exercises
- Integrated projects

FURTHER STUDIES

This course leads to VCE Information Technology.

METALCRAFT

MET10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students will **investigate** the works of the first craftsmen using iron, the anvil, hammer and welder. They will **design** works using iron and refine their skills using appropriate tools to **produce** these works. The course is very practical in nature but students will be required to complete written **evaluations** of their work. For the production classes students are required to wear:

- safety glasses
- leather school shoes or boots
- safety equipment as deemed necessary by the teacher

ASSESSMENT

- Written exam
- Investigation
- Design
- Production
- Evaluation

FURTHER STUDIES

This course leads to VCE technology studies and VET Engineering.

MATERIALS COST: \$20.00 Additional charges may be levied on large amounts of material usage.

TEXTILES

TEX10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students will be encouraged to **investigate** different materials and techniques, to **design**, plan and construct **products** and to **evaluate** their finished garments. Students will use basic machine and overlocker techniques to make garments and they will work as a 'fashion designer' to make a garment for another person. When working on **production/s**, students will be given a range of pattern alternatives, use of natural and synthetic fabrics and shown how fashion designers work to make a commercial range. Students will also have the opportunity to work with fabric decoration such as designing and painting decorative features, applying different fabrics, laces and trims and machine and hand embroidery.

ASSESSMENT

- Written exam
- Work book
- Investigations
- Three production pieces
- Evaluations

FURTHER STUDIES

This course leads to VCE Design Technology (Textiles), VCE Studio Art, VCE Visual Communication and Design and VET Textiles.

MATERIALS COST: \$30.00

Students are required to provide extra materials for major production items.

WOODWORK

WWK10

The focus of this course is **Investigation, Design, Production** and **Evaluation**. Students will be expected to show a positive interest in the aspects of design and attempt to develop the required manual skills involved in the construction of projects, taking particular care with the accuracy and finishing. Students are required to **investigate** and **design products** of their own choice, the degree of difficulty depending on the student's experience and skill level. Students **design** using traditional drawing techniques and CAD software. On completion of their project, students are required to **evaluate** the outcome. For the production classes, students are required to wear:

- safety glasses
- leather school shoes or boots
- safety equipment as deemed necessary by the teacher

ASSESSMENT

- Written exam
- Investigations
- Design
- Production
- Evaluation

FURTHER STUDIES

This course leads to VCE Design Technology Studies

MATERIALS COST: \$40.00

Students are required to supply specialist material or hardware.

YEAR 10 SUBJECT SELECTIONS 2009

Name: _____ **Form:** _____

In selecting subjects for Year 10 2009 students must tick one of the core units in English and Mathematics for each semester and then list their first 10 elective choices. The subject name must be written in the box along with the subject code which can be found on the right hand side of the page opposite the subject name. Students must choose at least **1** and no more than **3** units from each learning area. **Students who wish to study a VCE or VET subject should also list these subjects in the appropriate box once they have consulted a VCE or VET handbook which can be obtained from the VCE/VCAL Level Managers.**

Year 10 CORE UNITS	SEMESTER 1	Year 10 CORE UNITS	SEMESTER 2
ENGLISH ENG103		ENGLISH ENG104	
FOUNDATION ENGLISH ENF103		FOUNDATION ENGLISH ENF104	
FOUNDATION MATHEMATICS MAG103		FOUNDATION MATHEMATICS MAG104	
MATHEMATICS CORE LEVEL MAT103		MATHEMATICS CORE LEVEL MAT104	
		MATHEMATICS ADVANCED LEVEL MAA104	

Year 10 ELECTIVE UNITS	PREFERENCE NUMBER	Year 10 ELECTIVE UNITS	PREFERENCE NUMBER

<u>VCE SUBJECT:</u>	<u>VET COURSE</u>
I approve my daughter/son's subject choices parent/guardian	STUDENT COPY

YEAR 10 SUBJECT SELECTIONS 2009

Name: _____ **Form:** _____

In selecting subjects for Year 10 2009 students must tick one of the core units in English and Mathematics for each semester and then list their first 10 elective choices. The subject name must be written in the box along with the subject code which can be found on the right hand side of the page opposite the subject name. Students must choose at least **1** and no more than **3** units from each Strand. **Students who wish to study a VCE or VET subject should also list these subjects in the appropriate box once they have consulted a VCE or VET handbook which can be obtained from the VCE/VCAL Level Managers.**

Year 10 CORE UNITS	SEMESTER 1	Year 10 CORE UNITS	SEMESTER 2
ENGLISH ENG103		ENGLISH ENG104	
FOUNDATION ENGLISH ENF103		FOUNDATION ENGLISH ENF104	
FOUNDATION MATHEMATICS MAG103		FOUNDATION MATHEMATICS MAG104	
MATHEMATICS CORE LEVEL MAT103		MATHEMATICS CORE LEVEL MAT104	
		MATHEMATICS ADVANCED LEVEL MAA104	

Year 10 ELECTIVE UNITS	PREFERENCE NUMBER	Year 10 ELECTIVE UNITS	PREFERENCE NUMBER

<u>VCE SUBJECT:</u>	<u>VET COURSE</u>
I approve my daughter/son's subject choices parent/guardian	SCHOOL COPY