

This publication provides information about the courses being offered to students applying for admission to Year 12 in 2008.

Disclaimer

The information contained in this handbook is accurate at the time of printing.

Contents:

Introduction.....	2
Secondary Graduation	3
Tertiary Entrance	3
TAFE Entrrance	5
VET at Rossmoyne	5
Enrolling at Rossmoyne.....	6
Course descriptions.....	10
Appendices	36
Index	39

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Introduction

This handbook contains information about courses being offered to Year 12 students in 2008. It also contains information about Secondary Graduation requirements, university entrance requirements, TAFE entrance requirements and opportunities for school-TAFE links.

In general, students who successfully complete their Year 11 studies with six specific subjects will continue with the same subjects in Year 12. After all, past performance is a good indicator of future success. In cases where a student has not achieved well in a specific subject in Year 11, they will consider studying an alternative subject in Year 12. Where students are considering such changes, both the classroom teacher of the subject to be dropped and the Head of Department of the new subject will be involved in the decision-making process in addition to the student's parent and Year Coordinator and/or Deputy Principal.

Classification of Subjects

Students will be able to choose from:

- Traditional Tertiary Entrance Examination subjects (where there is an external exam at the end of Year 12)
- Traditional Wholly School Assessed subjects (subjects where all assessments are completed in the school)
- The new Course Units (courses where students can elect to sit the external exam as part of the selection process for entry to University).

Tertiary Entrance Examination Subjects (TEE)

Accounting
Applicable Mathematics
Art
Biology
Calculus
Chemistry
Chinese: Second Language
Chinese: Advanced
Discrete Mathematics
Drama Studies
Economics
English Literature
French
Geography
German
History
Human Biology
Information Systems
Japanese: Second Language
Music
Physical Science
Physics
Political and Legal Studies

Wholly School Assessed Subjects (WSA)

Art and Design
Dance Studies
Drama
Early Childhood Studies
Food Production
Health Studies
Modelling with Mathematics
Outdoor Education
Physical Education Studies
Senior Science
Structured Workplace Learning
Systems Technology
Visual Communication – Photography
Vocational Community Networking
Work Studies

Course Units

Applied Information Technology 3A/3B
Engineering Studies 3A/3B
English 1C/1D, 2A/2B, 3A/3B
English as an Additional Language/Dialect 3A/3B
Materials (Wood) 1A/1B
Media Production and Analysis 3A/3B
Physical Education Studies 3A/3B

Secondary Graduation Requirements for Year 12 2008

In order to achieve Secondary Graduation and receive a Western Australian Certificate of Education (WACE) a student will need to meet the following requirements:

• Course Completion

Students must complete at least 10 full-year courses. If course units are studied, each completed course unit is equal to a half-subject.

• Course Achievement

Students must achieve an average of 'C' or better in at least eight (8) full-year courses (or equivalent).

At least four (4) subjects must be at Year 12 level (E code). Course units undertaken in Year 12 will count towards this requirement.

• English Language Competence

Students must complete two units of English or English as an Additional Language/Dialect while in their final year of schooling or complete Year 12 English Literature (E005).

Students should also address the language competence standard, as defined by work samples, or pass the English Language Competence Test.

Note:

Year 12 students who are studying TEE subjects or course units at Stage 2 or 3 but NOT intending to apply for university entrance are not required to sit exams at the end of 2008.

Tertiary Entrance

To be considered for entry to one of the universities in 2009 a secondary school student will normally need to:

- Achieve the **WACE**
- Achieve **competence in English**
- Obtain a **sufficiently high TER**
- Satisfy any **prerequisites**

1. WACE

The universities require students to demonstrate breadth of study. Students are able to address this requirement through achieving the WACE. (**see above**).

2. Competence in English

For university admission purposes, usually you demonstrate competence in English by achieving the prescribed standard in a course from the English Learning Area: English, English as an Additional Language/Dialect (EALD)(for eligible students) or TEE English Literature.

English as an Additional Language/Dialect can only be taken by students who meet eligibility criteria set by the Curriculum Council.

For Curtin University of Technology, Murdoch University and The University of Western Australia you must achieve a scaled mark of at least 50 in your chosen English Learning Area course.

For Edith Cowan University – you must achieve:

- A scaled mark of at least 50, or
- A letter grade of A, B or C in two English units (2A/2B, 3A or 3B) studied in Year 12, or
- A letter grade of A, B or C in both 3A units of English as an Additional Language/Dialect studied in Year 12, or
- A letter grade of A, B or C in TEE English Literature.

All Universities:

English, English as an Additional Language/Dialect (for eligible students) or TEE English Literature sat on a private basis (if available) can be used to meet all universities' competency in English requirement. In this case you must achieve a scaled mark of at least 50.

Concessions:

- Curtin University of Technology and Murdoch University:
If you have not met the above requirement for Curtin University of Technology and Murdoch University above, these two universities will concede competence in English to you if you have:
 - Achieved WACE, and
 - Achieved a TER above the minimum specified annually by Curtin and Murdoch, and
 - Achieved a standardised moderated numeric school assessment or standardised numeric examination assessment of at least 60 in English or English as an Additional Language/Dialect (for eligible students) or TEE English Literature.

If you have:

Satisfied condition 1 and 2 but not 3, and

- Achieved a scaled mark less than 50 in English or English as an Additional Language/Dialect (for eligible students) or TEE English Literature, then Curtin and Murdoch will invite you to demonstrate your competence in English by sitting the Special Tertiary Admissions Test (STAT), or the International English Language Testing System (IELTS) early in January.
- Edith Cowan University:
If you have:
 - Achieved WACE, and
 - Achieved a TER above the minimum specified annually by Edith Cowan University, and
 - Achieved a scaled mark less than 50 in English or English as an Additional Language/Dialect (for eligible students) or TEE English Literature, then Edith Cowan University will invite you to demonstrate your competence in English by sitting the Special Tertiary Admissions Test (STAT) or the International English Language Testing System (IELTS) early in January.
- The University of Western Australia:
If you have:
 - Achieved WACE, and
 - Achieved a TER above the minimum specified annually by UWA, and
 - Achieved a scaled mark less than 50 in English or English as an Additional Language/Dialect (for eligible students) or TEE English Literature, then UWA will invite you to demonstrate your competence in English by sitting the Special Tertiary Admissions Test (STAT) or the International English Language Testing System (IELTS) early in January.

3. Sufficiently high TER

Many university courses have competitive entry. That is, there are more students applying for the course than there are places available. So universities need to rank students. The Tertiary Entrance Rank (TER) is a number between 99.95 and zero (0) that reports a student's position relative to all other standard Year 12 school leavers. A TER of 96 means that a student is in the top 4%, or better than 96% of the year 12 school leavers. A TER of 96 equates to a scaled average of approximately 75.

The TER is derived from the Tertiary Entrance Aggregate (TEA). TEE subjects and course units at stage 2 and stage 3, where students have sat an external exam, can contribute to the calculation of the TEA. School results (final score) and exam results (final score) contribute equally to the calculation. The student's best four (4) subjects are used in the calculation which is expressed as a mark out of 400.

Note: There is no longer any List 1 and List 2 requirement.

Courses Studied on a Private Basis

If you wish to sit courses on a private basis you must enrol with the Curriculum Council. It is possible that not all courses will be available to private candidates. Your scaled score in courses you sit privately will be based on your examination score only.

Certain combinations of courses are not permitted in the calculation of the TEA. For example if students study Biology and Human Biology only one is allowed to be used in the final calculation of the score. Similarly if students study both Physics and Physical Science or Chemistry and Physical Science only one will be used in the calculation.

4. Prerequisites

Prerequisites are courses or special requirements that must be successfully completed for entry to particular university courses. Generally a scaled mark of 50 or more is required unless otherwise stated.

TAFE Entrance

TAFE offers various levels of courses to accommodate the needs of students. These may be bridging and preparatory courses and Certificate, Diploma/Advanced Diploma qualifications.

The length of these courses varies according to the study area in which the course is offered. TAFE colleges will provide details of courses. **(see page 43)**.

TAFE is in the process of reviewing how students are selected for their courses. Of all the courses offered at TAFE only 30% have competitive entry. That is, there are more applicants for courses than places available. For the 70% of courses which do not have competitive entry it is proposed that students will simply need to meet the minimum entrance requirements.

For entry to the competitive courses it is proposed that selection criteria be used, with points awarded similar to the current system. That is, students will gain points on their achievement in their best three courses (one must be English), completion of any certificates or other Vocational Education Training (VET) qualifications, Work Experience, Structured Workplace Learning, full or part-time related or unrelated employment. Some courses may require students to submit a portfolio.

Students need to be aware that they are often competing with a range of other applicants for places. Many of these applicants have been full time or part-time employed in the specific field. For example last year more than half of the applications were from non-school leavers. Our students need to make their applications as competitive as possible. Hence the importance of our school's VET programme. Students will shortly be issued with their TAFE hand book giving full details of entry requirements and how best to address the selection criteria for competitive entry courses.

Vocational Education and Training

In the VET Department, students have the opportunity to explore possible career pathways and investigate the training required at university, TAFE or in apprenticeships or traineeships.

There are opportunities to commence TAFE studies, apprenticeships or traineeships while still in Year 12, increasing eligibility for TAFE entry and gaining skills for future employment.

The VET courses are

- School Apprenticeship Link
- School Based Apprenticeship
- School Based Traineeships
- Structured Workplace Learning
- Vocational Community Networking
- Work Studies

Students enrolling in any of the VET courses will complete the requirements of at least one unit of competency from a National Training Package. As well, students enrolled in a unit of competency have the opportunity to enrol and participate in Structured Workplace Learning (**SWL**).

Success in any of these studies will be shown on the student's Record of Achievement from the Curriculum Council and contribute to the student's achieving a WACE. Further, a competency completed at Rossmoyne SHS will be recognised by any other Registered Training Organisation, for example a TAFE, and the student may claim recognised prior learning for those units of competency completed. Success in SWL may contribute significantly to a student's successful entry into TAFE.

All units of competency at Rossmoyne Senior High School are completed as part of one of the WSA courses. SWL is an additional course to the six in which students are usually required to enrol in Year 12. For those students enrolled in Work Studies, the in-class requirements of SWL are done as part of this course.

What is a "Competency"

The Australian National Training Authority (ANTA) defines a 'competency' as:

'The specification of knowledge and skill, and the application of that knowledge and skill within an occupation or industry level to the standard or performance required in employment.'

In other words, being competent is the ability to perform a job to the required level of performance required in the workplace.

What is “competency based assessment?”

Competency Based Assessment (CBA) is the process of collecting evidence and making judgements on whether a learner is able to demonstrate the competencies identified by industry as essential for satisfactory performance in the workplace.

The standards of knowledge, skill and application and the context of assessment are described in the units of competency in National Training Packages.

There is no ‘fail’ in a competency based training system. The learner demonstrates that she/he has achieved all the required competencies. A learner is assessed as either not yet having achieved the competencies or as competent. ‘Competent’ means that one hundred percent of the required competencies have been achieved.

Dual Certification

By studying certain WSA courses students will have the opportunity to complete units of competency from TAFE certificates at the same time. In 2008 students can work towards completion of the following certificates:

Certificate I in Work Preparation - (CHC10102)

There are a number of competencies from the Certificate I: Work Preparation (CHC10102) that may be assessed as part of, and contribute to assessment in the Wholly School Assessed courses E910 - Vocational Community Networking.

CALM Bushrangers

Certificate II in Conservation and Land Management (RTD20102)

Students participating in the CALM Bushrangers will be given the opportunity to develop the skills and be assessed in a number of competencies from the Certificate II in Conservation and Land Management (RTD20102). The students will participate in studies at TAFE to complete these competencies.

Recognition of Prior Learning

Rossmoyne Senior High School recognises that knowledge and skills may have been obtained in other environments and these may contribute to the attainment of units of competency within the school’s scope. Students wishing to claim recognition of prior learning should obtain an application form from the Head of the VET Department.

Enrolling into Year 12 in 2008

Students wishing to enrol at Rossmoyne Senior High School are normally required to be studying six (6) subjects. Under special circumstances, students will be permitted to drop to 5 subjects.

All students must study one of the following: English, English as an Additional Language/Dialect or English Literature.

Students wishing to gain a Tertiary Entrance Aggregate must study a **minimum** of four (4) subjects/courses in which they intend sitting the external assessment/exam. These can be either TEE subjects or course units.

Students wishing to gain TAFE entry would normally choose a combination of Course Units and WSA subjects.

Prerequisites

The prerequisite is the grade or level that must be achieved in Year 11 before a student is able to enrol into a particular Year 12 course. The prerequisite is based on the degree of difficulty of the Year 12 course and the kind of background needed to be successful. An interview will be required where students do not meet the prerequisite and Year 11 results in Semester 2 will be closely monitored.

Desirable

These are additional requirements which will give the student more chance of achieving success in the course.

Prerequisites for Tertiary Entrance Examination Subjects (TEE Courses)

Accounting	E200	Prerequisite: A 'C' grade or better in Year 11 Accounting (D200).
Applicable Mathematics	E504	Prerequisite: Introductory Calculus (D505).
Art	E630	Prerequisite: Lower School or Year 11 Art (D630).
Biology	E402	Prerequisite: Nil.
Calculus	E506	Prerequisite: Both Introductory Calculus (D505) and Geometry and Trigonometry (D503).
Chemistry	E403	Prerequisite: C grade or better in Year 11 Chemistry (D403).
Chinese Advanced	E027	Prerequisite: Background Candidates must have an interview with the Languages Head of Department. NB. eligibility is subject to Curriculum Council approval.
Chinese: Second Language	E003	Prerequisite: 'C' grade or better in Year 11 Chinese. Background Candidates must have an interview with the Languages Head of Department
Discrete Mathematics	E502	Prerequisite: Either Foundations of Mathematics (D501) or Introductory Calculus (D505).
Drama Studies	E647	Prerequisite: Successful completion of Year 11 Drama Studies (D647) and Level 5 English writing.
Economics	E304	Prerequisite: A 'C' grade in Year 11 Economics (D304).
English Literature	E005	Prerequisite: English units 2A/2B: Level 6 and above. English Literature D005: 65% and above.
French	E006	Prerequisite: A 'C' grade or better in Year 11 French. Background Candidates must have an interview with the Languages Head of Department.
Geography	E305	Prerequisite: A 'C' grade in Year 11 Geography or Year 10 S&E.
German	E008	Prerequisite: A 'C' grade or better in Year 11 German. Background candidates must have an interview with the Languages Head of Department.
History	E306	Prerequisite: A 'C' grade or better in Year 11 History
Human Biology	E406	Prerequisite: Nil
Information Systems	E238	Prerequisite: Nil
Japanese: Second Language	E011	Prerequisite: A 'C' grade in Year 11 Japanese. Background candidates must have an interview with the Languages Head of Department.
Music	E632	Prerequisite: Successful completion of Year 11 Music (D632).
Physical Science	E408	Prerequisite: A 'C' grade or better in Year 11 Physical Science (D408) or 'C' grade or better in Year 11 Chemistry (D403).
Physics	E409	Prerequisite: A 'C' grade or better in Year 11 Physics (D409).
Political and Legal Studies	E315	Prerequisite: Level 5 in English by the end of Year 10 and 60% in English Exam. Year 11 Political and Legal Studies is highly desirable but not essential.

Prerequisites for Course Units

Applied Information Technology 3A/3B	Prerequisite: Nil
Engineering Studies 3A/3B	Prerequisite: Successful completion of Units 2A/2B. Desirable: A Lower School metalwork course would be advantageous but not essential.
English 1C/1D, 2A/2B, 3A/3B	Prerequisite: A 'C' Grade in the previous stage (eg C in 1C/1D is required for 2A/2B)
English as an Additional Language/Dialect	Prerequisite: Confirmation from the Head of EALD is required
Materials Design & Technology (Wood) 1A/1B	Prerequisite: A 'C' grade in Woodwork. Desirable: A Lower School Woodwork course would be advantageous but not essential. Please note: These course units are being offered to students in 2008 who took Year 12 Furniture Design in 2007 or who did no Furniture and would like to gain some practical skills in Furniture and Design.
Media Production & Analysis 3A/3B	Recommended: 2BMPA, Level 4 English in all outcomes
Physical Education Studies 3A/3B	Recommended: A 'C' grade in Year 11 Physical Education Studies 2A/2B.

Prerequisites for Wholly School Assessed Courses (WSA)

Art And Design	E631	Desirable:	C or better in Year 10 Art or Craft or Year 11 Art and Design
Dance Studies	E636	Prerequisite:	Students will normally have achieved a 'C' the Lower School Dance course in Year 9 ,Year 10 and or Year 11.
Drama	E634	Desirable:	Successful completion of Year 11 Drama or Drama Studies.
Early Childhood Studies	D656	Prerequisite: Desirable:	Nil. Lower School Childcare. Please note: it is the Year 11 (D-code) on offer in this subject in 2008
Food Production	E709	Prerequisite:	Nil.
Modelling with Mathematics	E511	Prerequisite:	Successful completion of any of the Year 11 maths courses.
Outdoor Education	E608	Prerequisite:	A keen interest in Outdoor Pursuits.
Physical Education Studies	E600	Prerequisite:	Nil.
Senior Science	E411	Prerequisite:	A 'C' grade or better in Year 11 Senior Science – D411..
Structured Workplace Learning	D962	Prerequisite:	Enrolment in Work Studies or Vocational Community Networking and then by application to the SWL Coordinator.
Systems Technology	E281	Prerequisite: Desirable:	Nil A Lower School Design and Technology course is advantageous.
Visual Communication/Photography	E283	Prerequisite: Desirable:	Nil. A Lower School Photography course or Year 11 Photography (D283) .
Vocational Community Networking	E910	Prerequisite:	Nil.
Work Studies	E686	Prerequisite:	Nil.

Course Descriptions by Learning Area

	Page Number
The Arts	10
English	15
Health & Physical Education	17
Languages other than English	19
Mathematics	21
Science	23
Society and Environment	27
Technology and Enterprise	29
Vocational Courses	33

Note: All courses are offered on the condition that there will be a reasonable number of students in each course - The school is unable to staff very small classes.

The Arts

ART: E630

Desirable: Lower School or Year 11 Art.

International Art History - Can be taken from a selection of Art History topics, including Art and Social Comment in the 19th Century and Impressionism.

Australian Art History - The Heidelberg School and its Precursors: 1860 – 1900.
Finalisation of Visual Diary.

Assessment:

Visual Diary 25%, Studio Practice 35%, Exhibition 15%, Art history 25% which includes the exam mark

Anticipated: \$65.00

ART AND DESIGN: E631

Prerequisite: Nil

Desirable: C or better in Year 10 Art or Craft or Year 11 Art and Design

Course Description:

This course is designed for students who enjoy art and design. The course is based around practical art studies and, in comparison with TEE Art, has a reduced emphasis on concept and theory. Students are expected to develop practical projects through research, drawing, design development and the acquisition of technical skills in the pursuit of quality. This course, while demanding creative expression and appreciation, has links with vocational opportunities and post-secondary studies.

The course begins with an exploratory project in which structured drawing exercises and design development will occur. Subsequent development projects use this knowledge as a basis for further work. Group projects may be included. Each of the four projects is of approximately eight weeks' duration.

Themes studied may include:

Design and printmaking - book illustration, calendar and poster work, original print editions, design for business and functional textile design.

Surface decoration - murals, environmental analysis and improvement, sign writing, interior design and painting.

Three-dimensional projects - architectural modelling, puppetry, stage design, sculpture, jewellery.

Textile design and construction - original print work, appliqué and creative fabric decoration, costume design, weaving, clothing accessories and garment work.

Assessment:

There are nine outcomes that will be assessed over the length of the course.

Anticipated Cost: \$65.00plus texts.

DANCE STUDIES: E636

Prerequisites: Students will normally have achieved at least a 'C' in the Lower School Dance course in Year 9,10 and/or Year 11 Dance Studies.

Course Objectives – The Dance Studies course for Year 12 provides the opportunity for practical and theoretical study of dance as an art form. The course has been designed to develop the students' ability to create, to perform and to appreciate dance within its historical and social contexts. The overall purpose of the course is to produce individuals who are imaginative, confident and communicative, and who enjoy a heightened awareness of themselves and the dance world that surrounds them.

Course Description:

- Combinations of contemporary dance exercises and sequences.
- Combinations of exercises and sequences from two other dance genres. (e.g. jazz, hip-hop, ballet, tap, etc).
- Working in a group to create and present an innovative dance work.
- Presenting dances to an audience.
- Writing a critical evaluation of a dance performance.
- Researching the history of dance in Australia.
- Demonstrating safe dance practices.
- Running the lower school choreography night production to be held in the school Performing Arts Centre.

Career Possibilities:

Students with a special interest in dance may pursue a career as a dance teacher, choreographer, performer or go on to study dance at the Western Australian Academy of Performing Arts, Mt Lawley. A knowledge of dance is also a great benefit to anyone wishing to become a Physical Education teacher and there are positions in schools now specifically for dance teachers and dance coordinators. A background in dance is also useful if you wish to pursue a career in the entertainment, health, hospitality or tourism industries.

Students will have the opportunity to extend their performing experience through special projects. Learning will be assisted through classes with guest teachers, theatre performances and other special projects that may arise.

Assessment:

Assessment will involve the above tasks which are completed throughout the year.

Anticipated Cost: \$120.00.

Extra expenses will be incurred throughout the year for theatre performances.

DRAMA STUDIES: E647

Prerequisite: Successful completion of Year 11 Drama Studies and Level 5 English writing.

Desirable: Successful completion of Year 10 Drama

Course Description:

Drama Studies is a TEE subject and requires the kind of commitment required of other TEE subjects.

The course is based on a set of eight outcomes which students must achieve. Assessment of the outcomes will be achieved through a series of assessment tasks.

The course is divided into five sections:

Section One: Workshop - Skill development in text interpretation, acting and design.

Section Two: Performance - A series of performance opportunities for a range of audiences including two production opportunities.

Section Three: Text and Heritage - A practical study of dramatic texts. The study will focus on Contemporary Drama and a study of Australian Drama.

Section Four: Folio - The written record of the student's progress in sections 1-3 of the course.

Section Five: Examination Requirements - Written and practical examinations to demonstrate their knowledge of text and heritage and performance aspects of the course.

To facilitate the students' learning the course includes a camp, theatre excursions, workshops with professional actors and a production.

Assessment:

Students will complete practical assessment tasks and a written folio will be assessed after each task is completed.

Anticipated Cost: \$50.00 plus texts.

Extra expenses will be incurred throughout the year for camps and theatre excursions.

DRAMA: E634

Prerequisites: Nil - (Signature of Drama Teacher required)

Desirable: Successful completion of Year 11 Drama or Drama Studies

Course Description:

In Year 12 Drama caters for a wide range of students and provides opportunities to develop effective teamwork, communication, self-confidence and acting skills. Students will also develop skills and knowledge in arts criticism and stage design.

Students will be provided with the opportunity to meet a range of outcomes including:

- Improvisation, playbuilding and script interpretation
- Applying voice and movement in presenting dramatic scripts
- Presenting original drama to an audience in production
- Maintaining a drama folio.

To facilitate the students' learning the course includes a camp, theatre excursions and workshops with professional actors and a production.

Assessment:

Students will complete practical assessment tasks and a written folio will be assessed after each task is completed.

Anticipated Cost: \$50.00 plus texts.

Extra expenses will be incurred throughout the year for camps and theatre excursions.

MEDIA PRODUCTION & ANALYSIS: 3AMPA; 3BMPA

Prerequisites: 2BMPA and Level 4H English in all outcomes

Course Description:

In the Media Production and Analysis course, students explore media that range from traditional forms such as film, photography, newspapers, magazines, comics, radio and television to new and emerging multimedia technologies. They view, listen, read, research, analyse and discuss media, considering how people, events and issues are represented. They also create, produce and present their own works in media of their choice. Working independently and in collaboration with others, they become confident and competent in using media technologies to express their ideas.

Assessment:

Three formal assessments, 1 – Investigation task, 2 – Production tasks and 3 – Response tasks.

Anticipated Cost: \$100.00.

MUSIC E632

Pre-requisite: D632

Course Description:

The course continues to develop the skills and knowledge acquired in Year 11.

It has three main sections:

1. Performance, which is worth 50%
2. Written (literature of music, aural perception & composition) worth 50%
3. Special project. This may be undertaken instead of 1 above. Permission for the proposed project must be obtained from the Curriculum Council.

Weekly instrumental tuition must be continued with DET or private teachers.

Students who are considering Music at tertiary level or participation in music-making of any kind after leaving school are encouraged to take the course. It is also useful for entry into music industry careers such as music librarian, concert promotion, sound technician, piano tuner and music administration.

Assessments:

Course work 50% - Examinations 50%. Period 0 Testing: None

Anticipated Cost: \$65.00.

MUSIC IN SOCIETY: D633

Pre-requisite: Students must have been enrolled in this course in Year 11.

Course Description:

Music in Society is a great way for students to remain in the music program through years 11 and 12, while also continuing instrumental lessons and ensemble participation. Through Year 12 – students will be able to analyse, arrange and perform works, allowing them to choose their favourite musical genre and giving them the freedom to look at music that interests them and to be able to delve deeper into their favourite style of music. This is the continuation of the Year 11 course.

Anticipated Cost: Students will have met the cost of this subject in Year 11.

CURRICULUM ENDORSED UNIT (CEU): PSIM1

Pre-requisites: Students must have been enrolled in a music unit in Year 11

Course Description:

The Curriculum Endorsed Unit is a great way for students to focus on their musical performance. The CEU is not an assessed Course of Study, but a certificate is issued upon completion of the year's work and can be used for the student's personal portfolio. There are requirements for each student wishing to enroll in the CEU:

1. A weekly Journal must be maintained, as in lower school.
2. Students must attend all instrumental lessons.
3. Students must be enrolled in at least one ensemble, as directed by the music department.
4. Students must participate in all performances related to their ensemble(s).

Anticipated Cost: \$25.00.

VISUAL COMMUNICATION: PHOTOGRAPHY – E283

Prerequisite: Nil

Desirable: A lower school Photography course or Year 11 Photography is advantageous but not essential.

Course Description:

This course provides students with an appreciation of the scope and potential of photography, together with an understanding of the design process and the principles of two dimensional design.

Students will be expected to develop solutions to problems in technical, informational, and image design fields. Presentation requirements and the nature of certain aspects of the course provide a need for awareness and consideration of enterprise and marketing of work produced.

Knowledge and skills acquired in this course are applicable to a wide range of further education, future employment, and future leisure creative activities.

Assessment:

Students are required to produce task folios that illustrate their knowledge in both the theoretical and practical photographic components.

Anticipated Cost: \$130.00 plus texts and the cost of materials for special projects.

English

ENGLISH: 1CENG/1DENG, 2AENG/ 2BENG, 3AENG/3BENG

Prerequisite: A 'C' Grade in the previous stage (eg 'C' in 1C/1D is required for 2A/2B)

Course Description:

Language plays a central role in human life: it provides a vehicle for communication, a tool for thinking, a means of creativity and a source of pleasure.

Students will learn about the English language: how it works and how to use it effectively. Through language humans shape understandings of themselves and their world. It gives them access to knowledge, enables them to communicate effectively in the world of work, play an active part in society and helps define who they are.

Assessment:

Students are assessed in four areas in each semester unit. Examined performance contributes towards the final score in Reading, Viewing and Writing.

Anticipated Cost: \$40.00 plus texts.

ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT: 3A EALD/3B EALD

Prerequisite:

This course is only available to eligible non-English speaking background students - that is students whose first language is not English. Students who enrol in this course must sign a declaration, endorsed by the school Principal, stating that they satisfy the conditions set out by the Curriculum Council.

Course Description:

The course aims to develop and refine English language skills within an academic context. Knowledge and understanding of Australian culture and background are not presumed, but are developed as an integral part of the syllabus.

Students will learn to vary reading methods to suit purpose and type of text, develop skills in both informal and formal oral presentations, learn and develop the skills of writing clearly and coherently in essays, letters, and formal reports, as well as techniques for note-making, summarising and formulating an argument.

Assessment:

Students are assessed each semester on key course components. Assessments are described as production, investigation or response and include oral and written components. At the end of each semester students sit for a written examination which includes a listening section.

Anticipated Cost: \$46.00 plus texts.

English Literature: E005

Prerequisites: English Units 2A/2B - Level 6 and above
English Literature D005 65% and above

Course Description:

English Literature as a discipline has seen a number of developments in recent times and as a result students engage with texts from a range of contemporary critical perspectives which specifically invite students to explore issues related to class, gender and cultural identity. English Literature examines the ways in which meaning is made as a result of the relationship between reader, writer, text and context.

English Literature is an exciting but challenging subject which requires a commitment from students, who are expected to be organised and able to work independently. During each semester, students study three different texts from the following genres: Prose, Poetry and Drama and are encouraged to engage with additional texts chosen by themselves and their teachers, to enhance learning and literary experiences.

English Literature students are expected to demonstrate their ability to engage with ideas and texts at an increasingly sophisticated level. They are expected to engage independently with the course and ensure that they have read closely all texts prior to their being addressed in class so that they can apply their knowledge of both the texts and the literary genre, to inform their written and oral assessments. Students are expected to be able to communicate at a sophisticated level, demonstrating their ability to write correct English and prepare analytical and persuasive essays. They are also expected to engage in discussion and formal oral presentations at a sophisticated level.

Assessment:

Students are assessed each semester on each of the three genres and on their in class oral contributions and a formal oral presentation. At the end of each semester students sit for a formal examination.

Anticipated Cost: \$40.00 plus texts. Excursion to Curtin University: \$26.00

Health & Physical Education

EARLY CHILDHOOD STUDIES: D656

Prerequisites: Lower school Childcare desirable

Note: This is a Year 11 course available to those Year 12 students who studied Year 12 Early Childhood Studies (E656) in 2007 as well as those students who did not study this course in 2007 and wish to gain some practical skills in this area.

Course Description:

Early Childhood Studies is designed to help develop knowledge and understanding about the growth and development of children from conception to five years. It aims to enhance the student's own feelings of competence and self worth by developing strategies for team work and cooperation not only with young children, but with their peers and community members. The course offers students a broad perspective of responsible care giving. It serves as a link to the Vocational Childcare Competency Standards used by TAFE and other service occupations such as social work, teaching, nursing, medicine, physiotherapy, occupational therapy and childcare related career pathways.

Because child rearing involves both parents, the program is designed from this point of view and both male and female students will find the skills and knowledge obtained in the course valuable.

The methods of study and instruction are varied and include visits to nearby pre-schools, films, guest speakers and a variety of practical activities.

The emphasis will be largely practical and although the course is not academically demanding, commitment to the course is vital.

Assessment:

Approximately 5 common assessments.

Anticipated Cost: \$45.00.

Textbooks: provided on loan.

OUTDOOR EDUCATION - E608

Prerequisite: A keen interest in outdoor pursuits

Course Description:

This subject aims to:

- prepare students to meet physical and mental challenges when participating in outdoor expeditions.
- develop knowledge, skills and attitudes that relate to being a safe person in the outdoors.
- develop a positive self concept and enhanced interpersonal relationships.
- create in students a sense of enjoyment and responsibility for the natural environment.

Year 12 Outdoor Education has an emphasis on leadership where students take greater responsibility in all aspects of expedition planning, participation and debriefing. There is a marine environment theme in the course culminating in an extended Sea Trek expedition.

The course is divided into three specific sections

- natural environment expedition
- planning and route finding
- leadership and safety

The course includes water related activities such as small boat handling and sailing. **Due to the nature of these activities students must be competent swimmers. An assessment of swimming ability will be made at the beginning of the year.**

The nature of the course means that overnight expeditions will require additional time beyond school hours. These form part of the course assessment. Expedition types will include bushwalking and sailing. Camping equipment will be provided. Students will need to develop an ability to take on responsibility during all activities in Outdoor Education. Appropriate clothing will be required for all practical sessions. Strict requirements of conduct must be met.

Course fees cover the use of the expedition boatshed, overnight camps, major expeditions and other activities undertaken in the program. An additional charge will be levied for the Sea Trek expedition.

Assessment:

Approximately six common assessments.

Anticipated Cost: \$160.00 plus texts. Sea Trek costs will be approximately \$65.00

PHYSICAL EDUCATION COURSE OF STUDY: 3A/3B

Prerequisites: A 'C' grade in Physical Education Course of Study 2A/2B.

Course Description:

Physical Education Course of Study is the study of HUMAN MOVEMENT. Students get to explore the many perspectives that make up human movement by participating in and investigating physical activity. They get to think like biomechanists, physiologists, sports coaches, sports psychologists and elite athletes.

There are PRACTICAL and THEORETICAL components to the course. The practical contexts will be chosen with student interest and teacher expertise in mind.

There are four (4) outcomes on which students achieve progress: Skills for Physical Activity; Self-Management Skills and Interpersonal Skills for Physical Activity; Knowledge and Understandings of Movement and Conditioning concepts and; Knowledge and Understandings of Sports Psychology.

Assessment:

Two tasks and exam per semester.

Anticipated Cost: \$115.00 plus texts.

PHYSICAL EDUCATION STUDIES - E600

Prerequisites: Nil.

Course Description

Theory Sessions - The course continues on from Year 11 Physical Education Studies. The Year 12 subject however stands on its own and can be studied separately without the student having completed the Year 11 course. The theory sessions cover the three broad areas of Skilled Movement, Sports Coaching and Sociological Aspects of Sport.

Practical Sessions - The two practical areas that are most likely to be studied are Lawn Bowls and Martial Arts. From year to year, these may be varied if circumstances change. Practical sessions will be related to the theoretical work. Students must also study some related theory concerned with these units in regard to rules, conduct and etiquette.

Strict requirements of dress and personal conduct will have to be met. These will form part of an attitudinal component of the course and will be assessed. (Students will need to purchase appropriate clothing for the various activities to the booklist).

We recommend students in PE Studies will be expected to give support to the school sport program by entering swimming and athletics carnivals and trying out for other school teams according to their ability.

Assessment:

A set of outcomes describe what the student can do as a result of studying Year 12 Physical Education Studies. All of the outcomes are assessed by measuring the student's performance using a series of assessment tasks. Each assessment task is rated using performance criteria which enable a grade to be allocated at the end of the course.

Anticipated Cost: \$95.00 plus texts.

Languages

CHINESE SECOND LANGUAGE: E003

Prerequisite: 'C' grade or better in Year 11 Chinese. Background candidates, must have an interview with the Head of Department, Languages.

Course Description:

In the Chinese: Second Language course students develop the necessary skills, understandings and values to communicate effectively with Chinese speakers in both social and workplace contexts in Australia and elsewhere. Some of the topics to be studied are: Keeping in Touch, A change of routine, Consuming Passions, Self and Others, and Studying in China. All modules concentrate on themes and topics which relate to the learner's own world.

Assessment:

Class Assessments 50%, (Interpersonal 40% Informational 40%, Aesthetic 20%). Examinations 50%

Anticipated Cost: \$35.00.

Any textbooks on the booklist for this course will be an extra to this charge.

CHINESE: ADVANCED - E027

Prerequisite: Students who are considered background speakers or whose level of Chinese is a good deal higher than 'second language' candidates. N.B: Eligibility is subject to Curriculum Council approval.

Course Description:

This course provides students with the opportunity to develop:

- written and oral skills in Chinese through the study of a variety of materials in Modern Standard Chinese (MSC).
- bilingual skills through extensive practice in oral and written translations
- skills and self-confidence in using MSC in a variety of situations
- knowledge of present-day China through a variety of literary and background studies

Assessment:

The assessment structure differs from the Second Language Course (i.e. no oral interviews and a strong emphasis on cultural studies).

Anticipated Cost: \$35.00 plus texts.

FRENCH: E006

Prerequisite: 'C Grade' or better in Year 11 French. Background candidates must have an interview with the Head of Department, Languages.

Course Description:

As well as being the most widely taught foreign language in this country, French is also one of the official languages of the United Nations, UNESCO, and a number of international organisations such as the European Union, the World Health Organisation, the South Pacific Commission and others.

Students will be given the opportunity to achieve the following objectives in French.

- Establish and maintain relationships and discuss topics of interest eg. Through the exchange of information, ideas, opinions, attitudes, feelings, experiences and plans.
- Participate in social interaction related to the solving of a problem, making decisions with others, and obtaining goods and services.
- Obtain information from a spoken or written text and then process and use that information.
- Give information in spoken or written form on the basis of personal experience eg. give a talk, write a letter, an essay or set of instructions.
- Experience a work of art (eg. story, poem, play, film, song or picture) and make a personal response to it.
- Use language creatively in spoken and written expression eg. story, drama.

One of the exciting avenues open to Year 12 students is to participate in a French Exchange: Four weeks in La Réunion, a French island in the Indian Ocean near Mauritius. There may also be an opportunity to go on a tour of France.

Assessment:	Types of Assessment	Weighting Percentage
	Examinations	50
	Class Work: Listening	12.5
	Class Work: Speaking	12.5
	Class Work: Reading	12.5
	Class Work: Writing	12.5

Anticipated Cost: \$35.00 plus texts.

GERMAN: E008

Prerequisite: 'C grade' or better in Year 11 German. Background candidates must arrange an interview with the Head of Department, Languages.

Course Description:

Students will be given the opportunity to achieve the following objectives in German:

- to be able to communicate orally in German with a degree of facility within a range of topics eg. exchange of information, ideas, opinions, experiences.
- to be able to understand and share in social interaction related to making arrangements, making decisions with others, and transacting to obtain goods, problem solving, etc.
- to be able to read and understand selected authentic material such as a newspaper or textbook and use the information obtained.
- speak or write fairly competently in German, within a range of topics covered in the course.
- demonstrate a fair knowledge of the basics of the German language system in order to respond personally to a play, story, poem, etc. and/or create a story, play etc.

Students will also have the opportunity of visiting Germany for six weeks at the end of Year 12, by participating in the exchange with schools in Göttingen and Timmendorfer Strand.

Assessment:

Types of Assessment	Weighting Percentage
Examinations	50
Class Work: Interpersonal activities	20
Class Work: Informational activities	20
Class Work: Aesthetic activities	10

Anticipated Cost: \$35.00 plus texts.

JAPANESE SECOND LANGUAGE: E011

Prerequisite: 'C grade' or better in Year 11 Japanese. Background candidates must have an interview with the Head of Department, Languages.

Course Description:

Students will be given the opportunity to achieve the following objectives in Japanese:

- To be able to communicate effectively in Japanese in a variety of contexts and for a variety of purposes.
- To be able to understand the Japanese language as a system.
- Extend their awareness, understanding and knowledge of the inter-relationships between culture and language.
- To be able to obtain information from a variety of texts and interpret and use the information in a variety of ways.

Students will also have the opportunity to participate in an exchange with a school in Japan.

Assessment:

Types of Assessment	Weighting Percentage
Examinations	50
Class Work: Oral/Aural Interaction activities	30
Class Work: Reading and Responding activities	10
Class Work: Writing activities	10

Anticipated Cost: \$35.00 plus texts.

Mathematics

For Year 12, four mathematics courses are offered:

1. Calculus (TEE)
2. Applicable Mathematics (TEE)
3. Discrete Mathematics (TEE)
4. Modelling with Mathematics (WSA)

SUGGESTED COURSE PATHWAYS IN MATHEMATICS

Year 11	Year 12	Number of Subjects over the two years
Geometry & Trigonometry D503 AND Introductory Calculus D505	$\left\{ \begin{array}{l} \text{Calculus E506} \\ \text{AND} \\ \text{Applicable Mathematics E504} \end{array} \right. \Rightarrow$ Applicable Mathematics E504 \Rightarrow	4 3
Introductory Calculus D505	Applicable Mathematics E504 \Rightarrow Discrete Mathematics E502 \Rightarrow	2 2
Foundations of Mathematics D501	Discrete Mathematics E502 \Rightarrow Modelling with Mathematics E511 \Rightarrow	2 2
Mathematics in Practice D510	Modelling with Mathematics E511 \Rightarrow No further Mathematics \Rightarrow	2 1
Vocational Mathematics D500 \Rightarrow	No further Mathematics	

Other combinations of mathematics courses (eg. Foundations of Mathematics and Introductory Calculus in Year 11, followed by Applicable Mathematics and/or Discrete Mathematics in Year 12) are permitted but are dependent on timetabling constraints and course prerequisites. There are also restrictions placed on certain combinations of courses which can count towards calculation of Tertiary Entrance Scores. Hence students considering other combinations should see the Head of the Mathematics Department before making their choice.

DISCRETE MATHEMATICS: E501

Prerequisite: **Either** Foundations of Mathematics (D501) **or** Introductory Calculus (D505)

Course Description:

Discrete Mathematics is a Tertiary Entrance Examination subject. It is intended for students who wish to study mathematics in Year 12 and who may be preparing for entry to tertiary courses which have little or no formal mathematical requirement.

Assessment:

Period zero testing, extended pieces of work and examinations.

Anticipated Cost: \$13.00 plus texts.

CALCULUS: E506

Prerequisite: **Both** Introductory Calculus (D505) **and** Geometry and Trigonometry (D503)

Course Description:

Calculus is a Tertiary Entrance Examination subject. It will be invaluable to those students proceeding to tertiary studies in the more mathematically or scientifically oriented courses.

Assessment:

Period zero testing, extended pieces of work and examinations.

Anticipated Cost: \$13.00 plus texts.

APPLICABLE MATHEMATICS: E504

Prerequisite: Introductory Calculus (D505)

Course Description:

Applicable Mathematics is a Tertiary Entrance Examination subject. It will be invaluable for those students proceeding to tertiary studies in courses where skill in statistical techniques or the solution of equations is essential.

Assessment:

Period zero testing, extended pieces of work and examinations.

Anticipated Cost: \$13.00 plus texts.

MODELLING WITH MATHEMATICS: E511

Desirable: successful completion of any of the Year 11 courses.

Course Description:

Modelling with Mathematics is a Wholly School Assessed Subject. It develops the use of mathematical modelling as a technique to investigate and solve real problem situations. This serves to provide students with useful skills to use in the post-school environment. It is especially useful for students seeking entry points for many TAFE courses.

Assessment:

Tests and project work

Anticipated Cost: \$39.00 (with \$20 deposit for test books).

BIOLOGY: E402

Prerequisites: Nil

Desirable: C Grade or better in Year 11 Biology – D402

It is important that we are well informed about the living world so that we are able to make wise decisions, important not only to the individual, but to human society as a whole, and the environment that supports us, and ultimately to the biosphere in which we exist.

This course is an integral part of a general education and is a useful preparation for scientific, medical and related vocations.

Course structure

The unifying theme of **Survival** underlies this course. Survival strategies are considered for cells, organisms, species and ecosystems, leading to an understanding of the interdependence of living things and their environments

In this course you will undertake a study of the following modules:

- Module 0: Introduction to Scientific Method** You will gain an understanding of the nature and limitations of scientific activity.
- Module 1: The Cell** Find out more about the cell and cell processes
- Module 2: The Organism** How do organisms cope in different environments?
- Module 3: The Species** How are characteristics passed from one generation to the next? How does a species evolve? How can our understanding of genetics contribute to conservation?
- Module 4: Ecosystems** How can we work to maintain of biodiversity? What principles should guide us when we attempt to manage Australian ecosystems?

Excursion: A full day excursion is planned for Term 2

Assessment:

Major tests	8
Assignments	4
Laboratory reports	4
Excursion report	1
Skills assessment	1

Anticipated Cost: \$32.00 plus texts.

CHEMISTRY: E403

Prerequisites: C grade or better in Year 11 Chemistry – D403.

Course Description:

Chemistry is concerned with the physical and chemical properties of substances, the nature of matter, and the study of chemical reactions and processes. It is an investigative course and through observation and experiment a body of factual information has accumulated from which principles, laws and theories have been developed.

The course attempts to provide a balance between useful facts, important concepts, and theories. There is an emphasis on the applications of chemistry using the principles introduced in the Year 11 course.

Chemistry is an experimental science and laboratory work is an essential part of the syllabus. Students also learn how to solve problems, both qualitative and quantitative, and apply their knowledge to explain new situations.

Chemistry is a prerequisite or a highly desirable course for many university science, engineering or health related courses.

Assessment:

Number	Type of Assessment	Dates
6	Laboratory Assessments	2 Per Term
5	Major Tests (before school)	See Period Zero Sheet
2	Semester Examinations	Term 2 weeks 6 & 7 and Term 3 last two weeks
2	Essays	1 Per Semester
>25	Assignments, Mini-Tests, Lab, Write Ups	Throughout Year

Anticipated Cost: \$32.00.

HUMAN BIOLOGY: E406

Prerequisites: Nil

Desirable: At least a C grade in Human Biology D406
It is desirable but not essential for students to have studied the Year 11 course before the Year 12 course in Human Biology. The Year 11 and Year 12 courses consider different aspects of Human Biology. There is no Year 11 knowledge which is an assumed prerequisite for study of the Year 12 course. However, students who have completed the Year 11 course or have a wide range of scientific and other relevant experiences are likely to be advantaged.
The Tertiary Entrance Examination is based on Year 12 core material only.

Human Biology is the scientific study of humans as individuals and as populations and of their interactions with the environment. It encompasses the study of the structure and function of the body, the human life cycle, the biological and cultural evolution of humans, human ecology and modern social issues.

- the role played by the nervous and endocrine systems in maintaining a stable and optimal internal environment
- the mechanisms by which the liver, kidneys, pancreas and pituitary regulate the composition of body fluids
- the causes, spread, treatment and preventative measures for infectious diseases, specific and non-specific defences against infection
- the role played by genetic variation, adaptation and natural selection in primate evolution, the origin of humans and the development of human races
- the factors influencing human population growth and demography, and the impact of population growth, urbanisation and industrialisation on resource utilisation and the environment.

Assessment:

- Major module tests 9
- Major Assignments 3
- Revision Assignments 2
- Laboratory Reports 4
- Skills test 1

Anticipated Cost: \$32.00 plus texts.

PHYSICAL SCIENCE: E408

Prerequisites: C grade or better in Year 11 Physical Science – D408
or C grade or better in Year 11 Chemistry – D403.

Course Description:

Science is more than just a course for study. It is a way of looking at the world. Physical Science encourages students to be questioning, reflective and critical thinkers about scientific issues.

The course includes many chemical and physical concepts which provides a background in chemistry and physics. Physical Science would suit students who:

- intend to pursue a career in some applied science field e.g., nursing and other health related sciences.
- are not studying any other science course and require a general science background.
- are studying Biology or Human Biology and wish to have a more balanced science education.

The course includes the units:

- Materials.
- Chemical Change.
- Energy Transformations.
- Change and Interaction.
- Water.

With less emphasis on difficult calculations, the course is slightly easier than Chemistry or Physics, but the concepts covered make it a challenging and interesting course.

It is not recommended that students do Physical Science **and** Chemistry **nor** Physical Science **and** Physics as **only one will count towards the calculation of the tertiary entrance rank (TER)**.

Assessment:

NUMBER	TYPE OF ASSESSMENT	DATES
6	Laboratory assessments	1 – 2 per term
7	Major tests	3 in Semester 1 and 5 in Semester 2
2	Semester examinations	Term 2 weeks 6 & 7 and Term 3 last two weeks
2	Major assignment: water	Semester 1
2	Major assignment: chemical industry case study	Semester 2
25	Assignments, quizzes.	Throughout year
1	Excursion to Adventure World	Term 1
1	Excursion to water treatment plants	Term 1

Anticipated Cost: \$32.00 plus texts.

PHYSICS: E409**Prerequisites:** C grade or better in Year 11 Physics – D 409.**Course Description:**

Albert Einstein described a certain physics experiment as like looking at a watch and imagining what was going on inside it without opening the back.

Physics is the science of physical phenomena, from the sub-atomic particles from which all matter is made to the whole universe as a whole.

In this course students investigate the natural and built world around them in a wide and interesting range of contexts. They explore the different forms of energy and energy transformations, and study how mechanical forces can shape the environment. They learn how electric and magnetic fields can be used in electric power generation and motors. They investigate how sound is used for music, detection of internal structures of the body and other phenomenon. They investigate materials and structures used in buildings and study the circular motion of satellites. The relevance of atomic physics is investigated by examining the production and application of X - rays

The study of Physics forms the foundation for most physical science, engineering, medical imaging and aviation courses at tertiary level.

Assessment:

NUMBER	TYPE OF ASSESSMENT	DATES
6	Laboratory Assessments	Approx 2 per Term
5	Major tests (before school)	See Period Zero Sheet
2	Semester examinations	Term 2 weeks 6 & 7 and Term 3 last two weeks
1	Major Project	Semester 2
>20	Assignments, Mini-Tests, Problem Sets	Throughout Year
1	Excursion to Adventure World	Term 1

Anticipated Cost: \$32.00 plus texts.**SENIOR SCIENCE: E411 (WSA - Wholly School Assessed)****Prerequisites:** C grade or better in Year 11 Senior Science – D 411**Course Description:**

Students who select this course should enjoy science and should be interested in TAFE courses or employment. The course aims to produce students who are better informed regarding science and technology as well as its implications for the way we live.

The course involves aspects of biological, physical and environmental science selected from a range of interesting topics.

A wide range of learning experiences are involved including laboratory work, research and problem solving, excursions and field work.

This course is NOT used in the calculation of the TER (Tertiary Entrance Rank) for entry to university.

Assessment:

NUMBER	TYPE OF ASSESSMENT	DATES
6	Laboratory assessments	1 – 2 per term
3	Major tests	3 in Semester 1 and 3 in Semester 2
2	Major assignment	Semester 1 Semester 2
>10	Assignments, quizzes.	Throughout year
2	Excursions	One each semester

Anticipated Cost: \$38.00 plus texts.

Society & Environment

ECONOMICS: E304

Prerequisites: Achieved a C Grade in Year 11 Economics D304

Course Description:

The Economics course in Year 12 focuses on macroeconomics. It is a year long course, divided into three units: Macroeconomics, International Economics and Economic Policy. The Australian economy, both at the national level and in its international setting, is the basis for the course. Students will be expected to be aware of current Australian economic trends and issues.

Assessment:

There are approximately 11 in-class assessments during the year as well as Semester 1 and 2 exams.

Anticipated Cost: \$25.00 plus texts.

GEOGRAPHY: E305

Prerequisites: Achieved a C Grade in Year 11 Geography
Achieved a C Grade in Year 10 S&E

Course Description:

Geography is a TEE subject designed to develop student's understanding of the physical and human components of the environment, to evaluate people's influence on that environment and to appreciate the significance of spatial patterns. The syllabus specifically relates to the study of Australia with a special emphasis on South-Western Australia. The acquisition of practical skills necessary for map and photographic interpretation and the analysis of fieldwork data are integral parts of this study.

Year 12 Geography aims to:

Integrate the concepts of place, process and issues

Interrelate the physical and human characteristics of place

Develop an understanding of the geography of Australia with a special emphasis on South-Western Australia.

Develop mapping and practical skills

Develop fieldwork skills necessary to gain an understanding of place, process and issues.

Encourage a values approach to the study of place, process and issues.

A successful study of Geography at Year 12 level can lead to many interesting careers such as tour guide, travel agent, cartographer, surveyor, import-export clerk, administration, local government employment, foreign affairs, public service, defense careers, environmental officer, trade analyst, teacher, meteorologist and park ranger.

Assessment:

There are approximately 11 in-class assessments during the year.

Anticipated Cost: \$35.00 plus texts.

HISTORY: E306

Prerequisite: Achieved a 'C' grade or better in Year 11 History (D306)

Course Description:

The History course in Year 12 is divided into 2 semester length units. One is Australian History (1900-1945) and the other is the Russian Revolution. All students of history in Year 12 have to do an Australian history unity.

Assessments:

There are approximately 6 in-class assessments per unit as well as Semester 1 and 2 exams.

Anticipated Cost: \$30.00 plus texts.

POLITICAL AND LEGAL STUDIES - E315

Prerequisite: Level 5 in English by the end of Year 10 and 60% in English Exam.
Year 11 Political and Legal Studies is highly desirable but not essential.

Course Description:

Political and Legal Studies covers the operation of politics and law in our society. It involves the investigation and analysis of problems and issues of the Political and Legal System with a focus on human rights. This is achieved through debates, media investigation and listening to high profile guest speakers.

This subject will provide students with an awareness of the importance of the role of Politics and Law in their everyday lives and will develop the inclination and skills to play a part in political and legal processes.

Assessment:

Four Topics: One Assignment and one test per topic.
Examinations Semester 1 and Semester 2. Plus Orals.

Anticipated Cost: \$32.00 plus texts.

Technology and Enterprise

ACCOUNTING - E200

Prerequisite: C or better in Accounting D200
Year 11 Political and Legal Studies is highly desirable but not essential.

Course Description:

The study of Accounting will provide students with an understanding of the financial operations of a variety of business and non-trading organisations. Students will develop skills and knowledge which will enable them to process financial data, produce reports and make informed decisions. Such knowledge and ability will be of benefit to the students in their everyday lives and will assist them in their transition to tertiary studies (particularly in the commerce/business field). The study of Accounting will also assist students in gaining employment and in making sensible decisions regarding their own investments.

Assessment:

One test per topic, lengthier topics also include open book assessments. Semester exams.

Anticipated Cost: \$32.00 plus texts.

APPLIED INFORMATION TECHNOLOGY: Unit 3AAIT/3BAIT

Prerequisites: Nil

3AAIT

Students use a range of computer hardware and software to create, manipulate and communicate information. The result is a set of skills to equip the student for the 21st century and something equally important – appreciation of the impact of information technology in general.

3BAIT

Students acquire and develop understandings, experience and skills related to the creation, manipulation, storage, retrieval and communication of information using a range of computer software and hardware. They apply this to technology challenges associated with human needs in their lives, the community and workplaces. They learn to work in a climate of rapid change associated with information technology and appreciate its impact on individuals and social systems.

Assessment: Set tasks, tests and exam.

Anticipated Cost: \$45.00 plus texts.

Any text books required for Year 11 will also be used in Year 12

INFORMATION SYSTEMS: E238

Prerequisites: Nil

Course Description

This course looks at data bases, data communications, net working hardware and software. This is not a programming course but looks at structures involved in writing programmes and systems.

Assessment:

50% in School assessment.
50% external examination.

Anticipated Cost: \$45.00 plus texts.

ENGINEERING STUDIES: 3AEST/3BEST

Prerequisite: Successful completion of Units 2A/2B

Desirable: A Lower School metalwork course would be advantageous but not essential.

UNIT 3AEST

Course Description:

The focus for this unit is alternative engineering systems. They design make and evaluate an alternate engineering system. Students understand that alternative engineering systems are complex organizations of more simple systems, which are designed according to engineering processes.

They apply research methods to collect and analyse data, which enable them to proceed with their system design. Students use mathematical and graphical models to test ideas and solve theoretical and practical design problems related to basic testing of materials, structures and systems, and the application of engineering principles.

They apply design analysis to existing systems to evaluate the impact and worth of **alternative engineering systems** on society and the environment.

Unit Learning contexts

Within the broad area of **alternative engineering systems**, teachers may choose one or more of the following learning contexts (this list is not exhaustive):

Production processes and systems
Small run production lines
Power generation systems
EV challenge

Unit Content

This unit includes knowledge, understandings and skills to the degree of complexity following the model and described below. It is divided into core content and specialist engineering fields. Students must study all of the core content material and at least one of the specialist engineering fields.

UNIT 3BEST

Unit Description:

The focus for this unit is systems technologies. They design, make and evaluate a system technology. Students understand systems, the extent to which they are commonly used, and the impacts on and determinism by society and the environment.

Students experiment with a range of systems, through both programming controllers and developing appropriate input and output applications. Through such experimentation they develop the ability to analyse the operation of systems, define the operating sequence and develop the monitoring and management mechanisms necessary for its function.

Using standardised representations and symbols, students graphically and textually detail how systems operate through input, process and output elements. They devise test scenarios to accompany their engineered systems, and utilize feedback loops to monitor and manage system performance.

Unit Learning Contexts

Within the broad area of **systems technologies**, teachers may choose one or more of the following learning contexts (this list is not exhaustive):

- Brake monitoring systems
- Environment monitoring and control
- Robotics.

Unit Content

This unit includes knowledge, understandings and skills to the degree of complexity following the model and described below. It is divided into core content and specialist engineering fields. Students must study all of the core content material and at least one of the specialist engineering fields.

Anticipated Cost: \$55.00 plus texts and the costs of materials for models.

FOOD PRODUCTION: E709

Prerequisites: Lower school Foods and/or Year 11 Food Production D709 desirable

Course Description

This course is ideal for students who are interested in food, preparation and presentation for private and commercial purposes.

Areas that are covered include:

- Basic food preparation demonstrating knife handling and precision cutting skills.
- Wet and dry methods of cooking
- Cooking skills
- Food preparation and cooking equipment
- Food presentation
- Menu planning/Banquet

The assessment tasks are based on the above areas and require students to work individually and in groups to develop knowledge and skills related to food preparation.

Students will be encouraged to participate in Structured Workplace Learning.

Assessment:

Approximately 5 common assessments will be completed.

Anticipated Cost: \$130.00.

Textbooks: provided on loan

MATERIALS DESIGN & TECHNOLOGY: (Wood Context) - 1AMDTT and 1BMDTT

Prerequisite: C Grade in Woodwork

Desirable: A Lower School Woodwork course would be advantageous but not essential.

Unit 1AMDTT

This course of study replaces the old Furniture Design and Technology. Students will focus on design techniques related in the wood context. Using wood, students will experience a variety of design situations that will require them to solve and construct solutions. Students will be developing innovative and creative design solutions using a variety of techniques and machinery in wood. Students will have the opportunity to develop their skills by hand and using equipment safely. Students will research types of materials and its structure.

Unit 1BMDTT

The focus for this unit is **design for the consumer**. Students have had many experiences interacting with products designed for the consumer market. The teacher with student input, selects projects that are of interest to students in order to learn about the design and making of products for the consumer market.

They use a range of techniques in determining market needs. They apply the fundamentals of design to produce products for the consumer market. Students learn to conceptualise and communicate their own ideas. They learn to communicate various aspects of the design process in wood.

Assessment:

Students will design and make projects from wood. This will include skill exercises and an assignment for each unit. A design folio will be required from each student.

Anticipated Cost: \$100.00 plus texts and the cost of materials for models.

SYSTEMS TECHNOLOGY: E281

Prerequisite: Nil

Desirable: A Lower School Design and Technology course is advantageous but not essential.

Course Description:

This is a fun, practical course used to develop an understanding of systems technology as applied to industry and the community. The course will focus on two areas of study – electronic systems and mechanical systems, with mechanical systems having within it several subset systems such as welding systems and fabrication systems.

The practical activities in this course will aim to develop the students' ability to solve problems and give them 'workshop' experience to which they may otherwise never be exposed.

Students have produced a wide variety of projects in this course, for example – a powered go-cart.

This course will provide the students with a 'hands on' approach to learning.

Assessment:

This is a commonly assessed subject with no exam. Students work is monitored throughout the year and a final grade is determined at the completion of the year.

Anticipated Cost: \$72.00 plus texts.

SCHOOL/TAFE LINK COURSES

There are now several different courses available for Year 12 students at Rossmoyne SHS. Different TAFE Colleges provide a range of opportunities for students and it requires students to initially decide on what area they are interested in before applying for a place in the course. TAFE enrolment at Year 12 level normally requires at least 4 "C" grades or higher and students should consult prerequisites for courses in the TAFE handbook or seek assistance from the VET Department. It is envisaged that students enrolled in TAFE Link courses in 2008 will be given the chance to be part of a class which will study 4 courses at school (English, Maths, Work Studies and IT over 3 days), complete a day at TAFE and a day in the workforce. The Certificate at TAFE and the day at work (Structured Workplace Learning – SWL) are Curriculum Council accredited and will count towards graduation.

Students applying for the course need to be aware that places are limited and that they will need to attend an interview with the VET Coordinator in the presence of a parent before being considered as suitable for the course. These courses offer students a head start into TAFE, apprenticeships and employment and are a fantastic opportunity to gain both a TAFE qualification and graduate from school.

1. SCHOOL APPRENTICESHIP (SAL)

Interested in one of the following trade areas?

Automotive
Beauty
Food Production
Hair
Horticulture
Metals & Engineering
Retail

(Applications for all these trade areas close August 2007)

How does it work? 3 days at school – enrol in four courses
 1 day at TAFE – TAFE Certificate
 1 day in the workplace - Structured Workplace Learning

The course studied at TAFE is equivalent to one course at school and includes Units of Competency from the relevant Training Package i.e. a Certificate TAFE course. Students attempt Structured Workplace Learning which counts as another course at school.

SCENARIO 1: The employers who offer placements for Structured Workplace Learning are actively looking for apprentices. Students will attend a different workplace in each of Terms 2, 3 and 4. At the end of Term 4, the employers may offer an apprenticeship to a student who meets their requirements. The student leaves at the end of Year 12 to complete the apprenticeship with credit for the work completed in Year 12. Most will complete Year 12 and then start.

SCENARIO 2: If the student completes School Apprenticeship Link in Year 12 but decides to change career goals and return to school to complete Year 12, the four courses studied at school, the TAFE qualification and the Structured Workplace Learning are counted as six Year 12 courses. Students can then enrol in six Year 12 courses at school and have sufficient courses to achieve Secondary Graduation at the end of Year 12. Students will then graduate with their peer group and proceed to further training without disruption to their studies.

a. SCHOOL BASED APPRENTICESHIP

School Based Apprenticeships provide the opportunity for senior secondary students to start an apprenticeship whilst also completing Secondary Graduation. Under these arrangements the student is both a full time student and a part time employee with the same employment and training responsibilities as the other apprentices. Students are indentured (signed) into an apprenticeship agreement with an employer to complete an apprenticeship. They must complete 8 hours per week and are at Certificate 3 level. Students need to commit to completing Year 12. At the end of Year 12 the school based apprentice will be converted to a full time or part time apprenticeship with an adjustment made to the nominal apprenticeship term for the hours spent at school (apprenticeship shortened).

b. SCHOOL BASED TRAINEESHIP (SBT)

In 2007 we have students placed in Beauty Therapy, Building and Construction, Sport and Recreation, Retail, I.T. and Horticulture. Students involved in Plant Processing through TAFE/Link profile funding may also be offered a SBT in 2008. Students complete a Certificate 2 in a chosen area, are placed in a work environment one day per week and are paid for their work. They complete 4 courses at school with their TAFE Certificate and SWL (work placement) counting as graduation courses. As students are paid employees these are harder to source and hence less areas are available. Students do not attend TAFE and complete their Certificate 2 through their employer's trainer. Students need to commit to completing Year 12 although some are offered full time employment earlier.

4. PROFILE HOURS

Previously students have attended TAFE one day per week to complete a Certificate 1 (pre apprenticeship) in Beauty, Building and Construction, Horticulture, Tourism, Electro-technology, Marine Operations (fishing, aquaculture), Plant Processing (oil and gas), Automotive and Visual Arts.

In Year 12 these students will complete a Certificate 2 which will have them well placed for TAFE/Apprenticeships the following year.

These classes are totally dependent on what Challenger TAFE can offer us on a yearly basis. We will be seeking funding in the areas with most demand and the ones being offered. Students will be made aware of what they can apply for under profile.

Generally all TAFE LINK courses do not have the normal costs associated with them. There may be minor costs involved.

STRUCTURED WORKPLACE LEARNING INDUSTRY SPECIFIC SKILLS

Pre-requisites: Enrolment in Work Studies or Vocational Community Networking and then by application to the Structured Workplace Learning Coordinator.

This course has a different code number for each Industry Area E801 – E818 and the Industry Area will be chosen by the student in discussion with the Structured Workplace Learning Coordinator.

Course Description:

Structured Workplace Learning (SWL) gives the student the opportunity to gain experience in the workplace over an extended period of time. Students spend four weeks in the work place during the exam periods in Semester 1 and Semester 2.

SWL is a seventh course on the Curriculum Council Statement of Results and will contribute to Secondary Graduation. Successful completion of SWL will gain additional credit points for TAFE entry.

The theory of SWL will be completed as part of the Work Studies or Vocational Community Networking course.

This includes:

- Investigating career opportunities
- Development of a sound work ethic and good communication skills
- Development of interview skills
- Induction to workplace practices.

The practical component will occur in the work place.

In Year 12 the emphasis will be on the development of the Industry specific skills that have been identified as being essential by industry. Students who did not complete SWL Generic Skills D962 in Year 11 may complete this course in Year 12 thus allowing the flexibility to experience more than one Industry Area.

Assessment:

The employer will work with the SWL Coordinator to complete the assessment. A grade will be allocated at the end of the course. A SWL certificate is a valuable addition to a student's portfolio and recognised by employers and TAFE.

Anticipated Cost: \$12.00.

VOCATIONAL COMMUNITY NETWORKING: E910

Pre-requisites: Nil

Course Description:

Vocational Community Networking is a practical based course where students will develop the knowledge and skills required to work with all types of people including anyone needing assistance to lead an independent life, e.g., someone suffering an injury, disability or illness, children, or someone with language difficulties.

Vocational Community Networking provides an excellent background for students interested in people or considering a career working with people, e.g., nursing, teaching, preschool workers, social workers, psychology and other related fields.

Activities include:

- Activity afternoons with lower school ESL students
- Creating educational board games to play with primary school children
- Conflict resolution roleplays
- Visiting local community service facilities

Students will be encouraged to participate in Structured Workplace Learning in addition to Vocational Community Networking.

Assessments:

The six Assessment Tasks are completed in booklets that have simple formats and custom designed spaces for answers. Assessment is continuous and involves practical and written work in school and out in the community. There are no essays or tests.

Students enrolled in Vocational Community Networking will automatically be assessed for a **Certificate I in Work Preparation (Community Services) CHC10102**. This results in students achieving a TAFE qualification whilst completing the Vocational Community Networking course, earning valuable points for TAFE entry and a community service qualification.

Anticipated Cost: \$36.00.

WORK STUDIES: E686

Pre-requisites: Nil

Work Studies is an outcomes-based course suited to all Year 12 students, regardless of their commitment to TEE subjects, and it provides a unique opportunity for students to prepare for life beyond school. Work Studies is a Wholly School Assessed subject.

The Work Studies course is strongly oriented to the needs of the individual student, particularly regarding their career aspirations, and students work in groups of their own choosing in an informal learning environment. Through a variety of classroom activities and excursions, students will have the opportunity to explore career choices, set goals, learn to work in a team, prepare a successful work application, compile a portfolio of their achievements, attend a mock interview for an employment position and participate in a range of practical activities including participating in a small business.

Students will be encouraged to participate in Structured Workplace Learning in addition to Work Studies.

Students enrolled in Work Studies will automatically be assessed in one or more Units of Competency from the Business Training Package towards **Certificate II in Business (BSB20101)**. This results in students achieving part of a TAFE qualification whilst completing the Work

Assessment:

Part of the assessment for Work Studies will come from participation in a minimum of one week's Work Experience. This aspect of the course provides students with an ideal opportunity to gain 'first-hand' workplace experience and to trial work environments which may well feature in their career goals. The six Assessment Tasks are completed in booklets which have attractive formats and custom designed spaces for answers.

Anticipated Cost: \$36.00.

Appendix 1

INFORMATION ABOUT CONTRIBUTIONS & CHARGES and SECONDARY ALLOWANCE SCHEME

School Contributions and Charges

Every endeavour is made to keep the Contributions and Charges at the lowest possible level. However, the cost of resources such as class sets of reference materials, visual resources, and other resources which allow the school to maintain excellent standards, is high. Where possible, the costs are similar to 2007.

Printing Resource Charge

The cost of materials for the printing of student work on the school's computer printers is beyond the resources of the school. The school has determined that these resources be made available as fees are paid.

Each student has an account for the printers attached to the school computers. At the commencement of the year this account will be credited with **\$5.00**. When this credit is consumed students may purchase further credit on the account. **Any student who has not paid this charge will be required to clear this debt and take it into credit before access will be re-activated.**

Those students who are enrolled in one of the computing courses can expect to use more resources and hence the initial amount will be consumed quicker. This will be course to the same conditions as above.

Notice of Contributions and Charges and booklists

Each student will receive a Contributions and Charges sheet and a booklist at the end of 2007 detailing the individual's costs for 2008.

Refunds

Students leaving school during the year will receive a pro-rata refund on the fees paid. Students changing courses will receive an amended account and where appropriate receive a refund on any fees paid.

Eligible students wishing to withdraw from a course at the commencement of Semester 2 in Year 12 should note that there will be no refund of fees.

Youth Allowance

Youth Allowance is a Federal government funded scheme.

Youth Allowance provides income support to young people, including students, those looking for work and those who are sick.

The actual amount and the levels of the means test vary from year to year. The means test consists of a parental income test, a parental assets test and a personal income test.

For information on the Youth Allowance telephone 132490 or visit www.youthallowance.centrelink.gov.au

To make an appointment at your local Centrelink office telephone 131021.

Many Centrelink offices have a Youth and Students Team that assists young people applying for the Youth Allowance or those looking for work.

Further information is available from the Manager, Student Services at Rossmoyne Senior High School or a Centrelink office. The nearest Centrelink offices to Rossmoyne are:

- 7 Pakenham Street, Fremantle, WA 6160
- 1296 Albany Highway, Cannington, WA 6892
- Durack Centre, 263 Adelaide Terrace, Perth City, WA 6000

Scholarships

Some private organisations make scholarships available to secondary school students to assist in continuing their education. Further information can be obtained from:

Mr Gary Dewhurst, Student Services, Education Department, 151 Royal Street, EAST PERTH 6000
Telephone 08 9264 4828

Secondary Assistance Scheme

Currently financial assistance is available to children in secondary school, whose parents are holders of a current Centrelink Pensioner Concession Card or Family Health Care Card or a current Veterans Affairs Pensioner Concession Card, (blue card only).

An allowance of \$135 is available for Years 8 – 10 by a reduction in contributions payable and for Years 11 and 12 by a reduction in charges payable.

Eligibility is for students whose birth date is on or after January 1 1990, and include students who turn 18 during the school year.

Parent/Guardians need to read school information letters and School Newsletters to be advised of the closing date for the Secondary Assistance Scheme applications which is usually prior to the end of Term 1.

For more information, contact

Schools Resourcing Branch
Department of Education and Training
151 Royal Street East Perth WA 6004

Telephone: 08 9264 4773 Fax: 08 9264 5162

Appendix 2

Universities

The following officers are available for discussions with students on options available in their universities. Further, they can arrange interviews with other staff if required (eg. a lecturer in Science).

The school liaison officers are:

Curtin University

Prospective Students Office 08 9266 2626
Amy Brockman
Julie Langmead
Sue Whitelaw

Edith Cowan University

Students Recruitment..... 134 328

Murdoch University

Prospective Student Centre..... 08 9360 6538
Danielle Macdonald
Franklin White
Berinda Andrade

University of WA

Prospective Student Advisors..... 08 6488 2477
(Follow the prompts)

University of Notre Dame

Prospective Student Advisors..... 08 9433 0533

TAFE

Officers are available at the following TAFE colleges to provide assistance to students:

- **Central TAFE**1300 300822
(East Perth, Leederville, Mt Lawley & North Perth) (Follow the prompts)
- **Swan TAFE**
Course Information Centre08 9267 7500
(Covers Thornlie, Carlisle, Balga, Armadale, Midland & Bentley)
Wayne McCarrol
Don Peden
- **Challenger TAFE**
Course Information Centre08 9239 8502
(Beaconsfield, Murdoch, Maritime Centre, Rockingham & Peel)
- **West Coast College of TAFE**
Joondalup.....1300 134881
(follow the prompts)

Career Information Centre

2nd Floor, City Central Building, 166 Murray Street Mall, Perth (rear Myers)

Telephone: 08 9464 1305

Fax: 08 9464 1360

Email: cic.perth@centrelink.gov.au

Open: Monday to Friday 8:30 am to 5 pm

The centre provides detailed information about careers and courses including booklets, leaflets, folders, videos, CDroms and cassettes. Students can also complete a Career Choice Program called Jigcal but must make a booking for this service. It is available 9.00am to 3.00pm Monday to Friday.

Defence Force Recruiting Centre

Level 7, 66 St George's Terrace, Perth 6000

Careers Information:08 9488 7188 / 131901

Internet Address: www.defencejobs.gov.au

Take link to Careers Explorer which lists all jobs in the Defence forces.

Open: Monday to Friday 8:00 am to 4:00 pm

This centre provides information on the careers available in the Airforce, the Army and the Navy.

131901 – to register their details

New Apprenticeship/Traineeship Information

To find a new apprenticeships Centre in your region..... 133 873

The Internet

See the back cover of this book for the internet addresses of a number of interesting sites on jobs/careers training.

A		M	
ACCOUNTING	29	MATERIALS DESIGN & TECHNOLOGY (WOOD)	
Appendix 1.	36	1A/1B	31
Appendix 2.	38	MODELLING WITH MATHEMATICS - E511	22
APPLIED INFORMATION TECHNOLOGY:		MEDIA PRODUCTION & ANALYSIS - 3AMPA/	
Unit 3AAIT/3BAIT	29	3BMPA.....	13
APPLICABLE MATHEMATICS - E504.....	22	MUSIC - E632	13
ART - E630.....	10	MUSIC IN SOCIETY - D633.....	13
ART and DESIGN – E631	10		
B		N	
BIOLOGY - E402.....	23	New Apprenticeship/Traineeship Information	33
		Notice of fees and booklists	36
C		O	
CALCULUS - E506.....	22	OUTDOOR EDUCATION - E608	17
Career Information Centre	38		
CHEMISTRY – E403.....	23	P	
CHINESE: SECOND LANGUAGE - E003	19	PHYSICAL EDUCATION STUDIES - E600	18
CHINESE: ADVANCED - E027		PHYSICAL EDUCATION STUDIES -	
Classification of Courses.....	3	3APES/ 3BPES.....	18
Course Descriptions by Learning Area:.....	10	PHYSICAL SCIENCE - E408	25
D		PHYSICS - E409	26
DANCE STUDIES 11 – E636.....	11	POLITICAL and LEGAL STUDIES - E315.....	28
Defence Force Recruiting Centre.....	38	Prerequisites for Tertiary Entrance Examination	
DISCRETE MATHEMATICS - E502	22	Subjects (TEE Courses).....	8
DRAMA - E634,	12	Prerequisites for Wholly School Assessed Subjects	
DRAMA STUDIES - E647	12	(WSA).....	9
		Printing Resource Charge	36
E		R	
EARLY CHILDHOOD STUDIES - D656.....	17	Refunds	36
ECONOMICS - E304.....	27		
ENGINEERING STUDIES - 3AEST/3BEST	30	S	
English.....	15	Scholarships	36
ENGLISH - 1AENG/1BENG, 1CENG/1DENG,		SCHOOL APPRENTICESHIP LINK – Year 12	31
2AENG/2BENG, 3AENG/3BENG.....	15	School Based Resources	2
ENGLISH AS AN ADDITIONAL LANGUAGE/		School Fees	36
DIALECT – 3AELD/3BELD.....	15	SCHOOL/TAFE LINK COURSE.....	33
ENGLISH LITERATURE - E005	16	Secondary Assistance Scheme.....	37
		Secondary Graduation.....	4
F		SENIOR SCIENCE - E411	26
Financial Assistance.....	36	Society and Environment.....	27
FOOD PRODUCTION – E709	31	STRUCTURED WORKPLACE LEARNING – D962	34
FRENCH - E006.....	19	SUGGESTED COURSE PATHWAYS IN	
		MATHEMATICS.....	21
G		SYSTEMS TECHNOLOGY – E281.....	32
General.....	2		
GEOGRAPHY – E305.....	27	T	
GERMAN - E008.....	20	TAFE	38
		TAFE Entrance.....	6
H		Technology and Enterprise	29
HISTORY - E306	27	Tertiary Entrance.....	3
HUMAN BIOLOGY - E406	24	The Arts.....	10
		The Internet	36
I		The VET courses are	6
INFORMATION SYSTEMS - E238	29		
J		U	
JAPANESE: SECOND LANGUAGE - E011.....	20	Universities	38

V

VISUAL COMMUNICATION - PHOTOGRAPHY –
E283 14
VOCATIONAL COMMUNITY NETWORKING - E910
..... 35
Vocational Education and Training..... 6
Vocational Education and Training (VET) 33

W

What is “competency based assessment”? 6
What is a “Competency”?..... 6
WORK STUDIES - E686..... 35

Y

Youth Allowance 36