

2015
Year 11

CURRICULUM HANDBOOK



CONTENTS:

Introduction	3
Secondary Graduation	5
Tertiary Entrance.....	8
Training WA (TAFE) Entrance	9
Vocational Education and Training	9
Enrolling in Year 11 2015.....	11
Sample Courses.....	12
Courses with prerequisites.....	13
Courses without prerequisites.....	15
Course Descriptions.....	16
Appendices	53
Index.....	56



Rossmoyne Senior High School
Keith Road
Rossmoyne 6148
Western Australia

Telephone: 08 9259 2100
Facsimile: 08 9354 3945

Website: www.rossmoyne.wa.edu.au
Email: rossmoyne.shs@education.wa.edu.au

Last date edited 13 June 2014



INTRODUCTION

This handbook contains information for students currently in Year 10 who are planning to enter Year 11 in 2015. It is designed to provide a reference point for Secondary Graduation and the Western Australian Certificate of Education (WACE) requirements, university and Training WA college (TAFE) requirements and other vital information. The School Curriculum and Standards Authority (SCSA) provides additional information about assessment and certification. The Tertiary Institutions Service Centre (TISC) regularly updates its website with information relevant to students who plan to attend a university in 2017 (See page 57).

This handbook provides a summary of the content of each course offered by Rossmoyne Senior High School to Year 11s in 2015.

Advice and information is also available from students' individual Course Counsellors, Associate Principals, Heads of Learning Areas, Student Services, Year 10 Coordinator and the Vocational Education and Training (VET) Coordinator.

Most current Year 10 students will return to Rossmoyne Senior High School and study for two more years, graduating at the end of 2016.

By law, all students must remain in education, training or approved employment until the end of the year they turn 17.

Courses at Rossmoyne Senior High School for Year 11 students

For 2015, students will be enrolled in the following types of courses:

ATAR Courses

These are designed and examined by the SCSA. Students' results are used in the calculation of an ATAR. An Australian Tertiary Admissions Ranking (ATAR) is used to determine eligibility for university entrance. Students will need to study a minimum of 4 ATAR courses in Year 11 and 4 ATAR courses in Year 12 to be eligible for an ATAR. In Year 12 students will study more difficult unit pairs (Units 3 and 4). 50% of a student's final score in an ATAR course is determined at the school level and 50% is determined by the externally assessed exam.

General Courses

These are school-based courses with no external exam. Tests and/or examinations may include Externally Set Tasks. General courses are designed for students who wish to enter further training or the workforce.

General courses include Foundation and Preliminary courses. Foundation courses are designed for students who have not achieved the literacy or numeracy minimum standard. Preliminary courses are designed for students with special education needs.

Vocational Education Courses

These are nationally accredited programs which are designed for students who wish to enter further training or the workforce. Students are able to gain unit equivalence towards the WACE if the courses are fully completed. Up to 40% of a student's overall program can be made up of VET courses.

Students who do fewer than 4 ATAR courses must enrol in at least one Certificate II or higher as one of the minimum requirements of the WACE.

Endorsed Programs

Rossmoyne offers several endorsed programs which may contribute to the achievement of a WACE. These include programs which are linked to university courses.

Course Selection

Students will be assisted by their Year 10 teachers and Career Counsellors when deciding which course best suits their ability and interests.

With the exception of Stage 3 Mathematics, Year 12 courses are not available to Year 11 students in 2015.

Most courses in Year 11 are offered as pairs of units, one unit taken in Semester 1 and the next in Semester 2.

Students may enrol in a mix of ATAR courses, General courses (not Preliminary courses), VET programs or endorsed programs to achieve a WACE (there are limits to the number of VET programs and endorsed programs that students can choose).

All students study 6 courses (or the equivalent) in Year 11, a total of 12 semester-long course units. Most students will continue with these 6 courses in Year 12. Over the two years, students will be able to complete 24 course units or the equivalent.

In general, those students intending to enrol in a Training WA college, (formerly TAFE) will study a mix of General course units, ATAR course units and VET programs. Those aiming for university entrance directly from school will complete at least 4 ATAR courses.

All students must complete one pair of List A units and one pair of List B units in Year 12 (see below).

All students must complete two English units in Year 11 and one pair of English units in Year 12.



SECONDARY GRADUATION

All students who achieve Secondary Graduation will be awarded the WACE. Secondary Graduation usually takes two years to complete.

To qualify for the WACE a student must meet the following requirements:

- Complete 20 WACE course units or acceptable alternatives such as Endorsed Programs and Certificate Courses.
- Complete at least one pair of course units from both List A (arts/languages/humanities and social sciences) and List B (mathematics/science/technology) in Year 12 (see table below)
- Achieve a minimum of 14 C grades or higher in Year 11 and 12, with a minimum of six Year 12 C grades in units 3 and 4 (VET courses and endorsed programs may count as equivalents).
- Achieve a minimum standard of Literacy and Numeracy.
- Achieve competence in English: complete two Year 11 units and a pair of Year 12 English units.
- Achieve an ATAR or complete a Certificate II or higher.

List A	List B
Career and Enterprise	Accounting & Finance
Chinese: Background Language	Applied Information Technology
Chinese: First Language	Biology
Chinese: Second Language	Chemistry
Dance	Engineering Studies (Mechanical)
Drama	Food Science and Technology - Hospitality
Economics	Human Biology
English (and Foundation English)	Integrated Science
English as an Additional Language/Dialect	Materials Design and Technology - Metal
French: Second Language	Materials Design and Technology - Wood
Geography	Mathematics Applications, Essential, Methods
German: Second Language	Mathematics Specialist
Health Studies	Outdoor Education
Modern History	Psychology
Japanese: Second Language	Physical Education Studies (General, Volleyball)
Literature	Physics
Media Production and Analysis	
Music	
Politics & Law	

Note:

Literacy and Numeracy: Students who have achieved a Band 8 or higher in the Year 9 NAPLAN or have achieved the equivalent in the Year 10 Literacy and Numeracy Assessments (OLNA) or who successfully complete a SCSA Literacy and Numeracy Assessment (in Upper School) will have met the Literacy and Numeracy requirement for the WACE.

Examinations: All students who are enrolled in ATAR courses are required to sit the external exam in Year 12, which may include both a written and a practical exam in some subjects. If they do not sit, or do not make a genuine attempt in the WACE examination, that pair of units will not contribute to the calculation of the achievement standard.

Externally Set Tasks: Students who are enrolled in a General Course must complete the externally set task. If they do not sit or make a genuine attempt, that pair of units will not contribute to the calculation of the achievement standard.

Certification - All students who meet the requirements for Secondary Graduation will be awarded the WACE.

Endorsed Programs

Endorsed Programs are significant learning programs that can be delivered as part of the school curriculum or as extra-curricular activities. Successfully completed endorsed programs are listed on a student's WASSA (Statement of Achievement) and may contribute to the achievement of a WACE. For example, students undertaking the Duke of Edinburgh's Award, Bushrangers, Endorsed Music Unit out-of-hours, School Trips, Murdoch University Bridging Course, the Reunion Island Student Exchange or Workplace Learning can be granted unit equivalence. For example, one of the minimum requirements for a WACE is to complete 20 course units. If a student has only completed 19 course units, they will still graduate if they have successfully completed one Endorsed Program.

Certificates of Merit and Distinction are awarded to students based upon the number of points accrued using a student's best 20 Year 11 and Year 12 units (10 must be Year 12 units). Endorsed programs may contribute to the unit equivalence but are not allocated points and do not reduce the number of points required.

VET Programs

These courses are offered as a stand-alone course (School Based Certificates) or as part of the VET program (the Certificate Pathways Program).

School Based Certificate Courses

Certificate courses give students greater flexibility when selecting their subjects. These are VET credit transfer programs that contribute towards the WACE as unit equivalents. For example, many students at Rossmoyne SHS select five WACE courses and one Certificate II course.

Students who are doing fewer than 4 ATAR courses must select at least one Certificate course.

School Based Certificates (5 days at school) can be taken by students who aim to achieve an ATAR or by students who wish to enter further training or the workforce.

Students can select a maximum of 2 Certificate courses over Year 11 and 12.

Certificate Pathways Program

The Certificate Pathways Program (3 days at school) includes workplace learning and attendance at Training WA (TAFE). See page 6 for the current list of courses that may be available through Rossmoyne Senior High School and various Training WA (TAFE) colleges. The VET Coordinator can provide students with the latest additions to this program. See page 9 for further information.



Certificate Courses Offered by the School in 2015

- Certificate II in Applied Fashion Design (Textiles)** (2 Year; Year 11 and 12)
- Certificate II in Business** (2 Year; Year 11 and 12)
- Certificate II in Creative Industries (Media) Context: Radio Rossmoyne** (2 Year; Year 11 & 12)
- Certificate II in Creative Industries (Media) Context: Interactive Media** (2 Year; Year 11 & 12)
- Certificate II in Information, Digital Media and Technology** (2 Year; Year 11 & 12)
- Certificate II in Dance** (2 Year; Year 11 & 12)
- Certificate II in Live Production, Theatre and Events (Drama)** (2 Year; Year 11 & 12)
- Certificate II in Visual Arts: Arts Focus** (2 Year; Year 11 & 12)
- Certificate II in Visual Arts: Graphic Design and Digital Media** (2 Year; Year 11 & 12)
- Certificate II in Visual Arts: Media Focus** (2 Year; Year 11 and 12)
- Certificate II in Visual Arts: Photography Focus** (2 Year; Year 11 & 12)
- Certificate II in Sampling and Measuring** (2 Year; Year 11 and 12)
- Certificate II in Community Services (Children Services)** (2 Year; Year 11 & 12)
- Certificate II in Hospitality** (2 Year; Year 11 and 12)
- Certificate II in Sport and Recreation** (1 Year; Year 11)
- Certificate II in Sports Coaching** (1 Year; Year 12)
- Certificate II in Outdoor Recreation** (2 Year; Year 11 & 12)

Certificate Pathways Program (CPP)

The following certificates may be offered in 2015 as part of our program with various external providers (TAFES):

Aeronautics Cert III, IV	Frontline Management Cert IV
Automotive Cert II, III, IV	Floristry Cert II
Business Cert II, III, IV	Hairdressing Cert II
Business Legal Cert III	Health Studies Cert II
Community Services Cert II	Horticulture Cert II
Child Care Cert II	Hospitality Cert II (Chef)
Carpentry Cert II	Information Technology Cert II
Construction Cert II	Make Up Cert II
Digital Games Cert II	Media Cert III
Ed Support Cert II	Plant Processing Cert II
Electrotech Cert II	Plumbing Cert I, III
Engineering - Technical Cert II	Retail Cert II
Engineering – Trade Cert II	Teacher Assistant Cert IV
Enrolled Nursing Cert IV	Tourism Cert II
Events Cert II	

TERTIARY ENTRANCE

Students wishing to enter university in 2017 will normally* need to address the following:

1. Qualify for the **WACE**
2. Attain **competence in English**
3. Obtain a **sufficiently high ATAR**
4. Satisfy any **prerequisites**

* All universities offer alternative entry pathways. See below under 'Further Information from Individual Universities', and go to each university's web site for full details. See Appendix 2. The Tertiary Institutions Service Centre (TISC) regularly updates their website.

1. WACE

Universities require students to demonstrate breadth of study. Students are able to address this requirement by qualifying for the WACE.

2. Competence in English

Students must achieve the selected university's requirement for English Language Competence:

- Scaled mark of at least 50 in ATAR English, Literature or EALD, or
- Meet university specific concessions where a scaled mark of 50 has not been achieved. (See below) or
- Demonstrated competence through the Special Tertiary Admissions Test (STAT).

Each university has concessions to students who do not achieve this mark. Students can find out more information about these concessions and alternative admission pathways by visiting the websites of each university. Further information is available from the following websites:

- Tertiary Institutions Service Centre (TISC) (www.tisc.edu.au)
- School Curriculum and Standards Authority (SCSA) (www.scsa.wa.edu.au)

3. Sufficiently high ATAR

TISC is responsible for the ranking of students for university entrance. For students who wish to be considered for university entrance, their school assessment and WACE examination results will be used to calculate their ATAR.

The Tertiary Institutions Service Centre (TISC) calculates the ATAR based on the school and exam score provided by the School Curriculum and Standards Authority. Each course result is based 50% on school assessment and 50% on the examinations. Statistical adjustments are made to these results, the best 4 of which are added together to calculate a Tertiary Entrance Aggregate (TEA). The TEA is used to derive a student's ATAR.

The ATAR is a number between 99.95 and zero (0) that reports a student's position relative to all other standard Year 12 school leavers. An ATAR of 96 indicates that a student is in the top 4%, than 96% of the Year 12 school leavers. An ATAR of 96 equates to a scaled average of approximately 75%. TISC then offers university places based on the ranking.

Students are not able to include certain combinations of courses in the calculation of their ATAR.

4. Prerequisites

Many university courses specify that certain subjects must be undertaken by students in Year 12 as background knowledge needed to be able to apply to enter their particular course.

Students need to achieve a scaled mark of at least 50 in the specified ATAR courses.

TRAINING WA (TAFE) ENTRANCE

Training WA colleges offer various levels of courses to accommodate the needs of students such as bridging and preparatory courses and offer certificate, diploma and advanced-diploma qualifications.

The length of these courses varies according to the study area selected. Training WA colleges will provide students with details

Entry requirements are designed to ensure all those who gain entry to a course have the competencies or skills and abilities to effectively participate in the program. These competencies cover communication (reading, writing, speaking and listening) and mathematical skills.

All applicants must meet entry requirements. Courses are split into competitive and non-competitive entry. Competitive entry means there are more applicants than places available. To enter the 20% of courses that have competitive entry (30% in the case of metropolitan campuses), students need to meet specific selection criteria. Students enrolled in recognised VET programs such as those described below, can gain direct entry to non-competitive courses.

See the Training WA web site "Full Time Studies Guide", that maps evidence of achievement to entry requirements or see the website: www.trainingwa.wa.gov.au and go to the "Skills Calculator".

VOCATIONAL EDUCATION AND TRAINING (VET)

In the VET area, students have the opportunity to explore possible career pathways and investigate the training required at university, Training WA colleges or in apprenticeships or traineeships.

There are opportunities to commence studies with Training WA colleges, apprenticeships or traineeships while still in Year 11, increasing eligibility for further skills training and future employment. Certificates and units of competency are nationally recognised and also give students the opportunity to gain entry to university in a number of courses.

The VET courses are

- Certificate Pathways Program (CPP) – formerly School TAFE Link
- School Based Apprenticeship
- School Based Traineeships
- Workplace Learning (WPL)

Certificate Pathways Program (CPP)

The Certificate Pathways Program has been developed for students who intend gaining entry to Training WA, or university via Training WA or work. These students will have the opportunity of gaining dual certification: WACE and Training WA certificates at the completion of the course.

Students will be enrolled in the following common course:

- Career and Enterprise
- English Foundation or English General, Workplace Learning
- An elective
- A Certificate from a Training WA college.
- Mathematics OR a second elective

A limited number of places will be available. See page 45 for details of how the course will operate.

School Based Apprenticeships

This program is normally for Year 12 students after they have successfully completed the CPP in Year 11. The student is contracted to an employer, to start their apprenticeship while still at school.

School Based Traineeships

Students complete two days training in the workplace gaining a Certificate II. This is a pathway to an apprenticeship.

Workplace Learning (WPL)

Provides an invaluable opportunity for students to develop the many skills they need for employment. Students will receive: meaningful training for the transition from school to work, the opportunity to acquire 'hands-on' experience and practical training in the workplace and SCSA accreditation towards Secondary Graduation. To enrol in Workplace Learning students must be enrolled in Career and Enterprise.

Success in these studies will be shown on the student's Statement of Results from SCSA and contribute to the student achieving a WACE. 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 WPL. A Unit of Competency completed at Rossmoyne SHS will be recognised by any other Registered Training Organisation, e.g. a Training WA college, and the student may claim recognised prior learning for such units completed. Success in WPL may contribute significantly to a student's successful entry to a Training WA college.

All Units of Competency at Rossmoyne Senior High School are completed as part of one of the VET courses. WPL is an additional course to the six in which students are required to enrol in Year 11. For those students enrolled in Career and Enterprise the in-class requirements of WPL are done as part of this course.

Competency-based assessment

All certificate courses provided at school or through the Certificate Pathway Program are competency based.

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.' That is, the ability to perform a job to the level of performance required in the workplace.

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

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 100 percent of the required competencies have been achieved.

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 VET Coordinator.



ENROLLING IN YEAR 11 IN 2015

Students wishing to enrol at Rossmoyne Senior High School must be enrolled in and studying six (6) courses, or the equivalent, in each semester.

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

All students must choose at least one course from List A and at least one from List B. Students wishing to compete for special SCSA awards at the end of Year 12 should study at least two from each list.

Students wishing to gain an ATAR must study a minimum of four (4) ATAR courses in which they intend sitting the external assessment/exam at the end of 2016.

Students who are not studying at least 4 ATAR courses need to enrol in and successfully complete a Certificate II course to achieve a WACE.

ATAR students who are uncertain about their tertiary aspirations or whose academic performance in Year 10 indicates that they may find the ATAR pathway particularly challenging must enrol in a Certificate II course in addition to their ATAR courses. Note that most Certificate courses are two year courses.

As no credit is given for partially completed Certificate II courses, students will need to choose these courses carefully.

Enrolment in all courses is dependent on students gaining the signature of the Head of Learning Area (HOLA) or Teacher-in-Charge (TIC) of that subject/Learning Area.

Prerequisites

In addition to the teacher's signature, many subjects also have a specific prerequisite. This is usually expressed as a percentage achieved in the Year 10 Semester 1 Examination and/or it may be the end-of-semester grade. Mathematics prerequisites are given as the end-of-semester numerical mark. The prerequisite is based on the degree of difficulty of the Year 11 course and the kind of background students need to be successful. Students should check the following pages carefully to ensure they have met the prerequisite. If a student has not met the prerequisite for a course, they are not eligible to enrol in that course. Students who do not meet pre-requisites and still wish to be considered for entry into a course must arrange an interview with their parents and the Department HOLA/TIC. Following the interview, a student may be given conditional enrolment.

Changing Selections

Students who wish to make changes to their course selections after the blue course selection form has been submitted will need to see the Associate Principal. All requests must be accompanied by a letter from the parent.

Notes:

Enrolment in the English as an Additional Language/Dialect ATAR is dependent on a student's eligibility. Students wishing to enrol in this course will be interviewed by the Teacher-in-Charge of ESL.

Students wishing to enrol in Language courses will need to be interviewed by the Teacher-in-Charge. Students who wish to enrol in Background and Second Language courses need to meet strict entry requirements. Applications for these courses need to be completed and endorsed by the school before being lodged with SCSA. Students' enrolment in these courses will only be confirmed when written advice is provided by SCSA.

Students wishing to enrol in Outdoor Education must make an appointment with the Teacher-in-Charge and be able to demonstrate that they are strong swimmers, given the nature of this course.

Students selecting Chemistry ATAR and/or Physics ATAR will ideally also be selecting a Mathematics ATAR subject.

Students selecting Engineering ATAR must also choose a Mathematics ATAR course and ideally be studying a Physics ATAR course.

Students wishing to enrol in the VET program must make an appointment with the VET Coordinator.

When completing the Course Selection Form students should only circle courses for which they are eligible: that is - circle those courses where prerequisites have been met and which have the appropriate HoLA or TIC signature.

Not all courses that are offered are likely to run. Timetabling constraints may affect the availability of courses. This means that students may need to reselect. Classes will only run where there are viable numbers.

SAMPLE COURSES

	COURSE	Courses			Programs		WACE?	LIST A & B?	ATAR?	PATHWAY	
		ATAR	Standard General	Foundation	VET	Endorsed					
A	Accounting ATAR Chemistry ATAR Economics ATAR	English ATAR Maths Methods ATAR Physics ATAR	6					√	√	√	University Pathway Eligible for General Exhibition Balanced List A&B
B	Biology ATAR Career & Enterprise ATAR Japanese Second Language ATAR	Literature ATAR Maths: Specialist ATAR Maths: Methods ATAR	6					√	√	√	University Pathway Eligible for General Exhibition Likely Language bonus Likely Spec Maths bonus Balanced List A&B
C	Chinese Background ATAR Modern History ATAR Literature ATAR	Maths: Applications ATAR Music: ATAR VET Cert II Visual Arts (Arts Focus)	5			1		√	√	√	University Pathway Likely Language bonus Eligible for Training WA
D	Applied Information Technology General English ATAR Human Biology ATAR	Food Science and Technology ATAR Media Production & Analysis ATAR VET Cert II Outdoor Recreation	4	1		1		√	√	√	University Pathway Eligible for Training WA
E	English Foundation Maths: Essential Career & Enterprise General	Materials, Design & Technology (Wood) General VET Cert II Visual Arts (Photography) VET Cert II Sport & Rec	0	3	1	2		√	√	X	Training WA Pathway Recommended non-ATAR pathway (1 or more Cert II, Maths or AIT, English, Careers & Enterprise) 5 days at school
F	<u>Certificate Pathways Program</u> Career & Enterprise General English General	VET Cert II Course or General Course Maths Methods: ATAR (or Applied Info Tech) Training WA (TAFE) Certificate IV Workplace Learning	1	3		2	1	√	√	X	Training WA Pathway Common Program +++ e.g., Maths ATAR I – competitive for Training WA courses; Cert IV – eligible for some Universities in 2016 3 days at school.

COURSES WITH A SPECIFIC PREREQUISITE

Enrolment in all courses is dependent on students gaining the permission and signature of the Head of Learning Area or Teacher-in-Charge of the particular course.

The table below shows the additional requirement for entry to specific courses. The prerequisites refer to exams or to the standard of work completed in Semester 1 of Year 10.

Subject Code	SUBJECT/COURSE	PREREQUISITE
Learning Area: Arts		
A1DAN/A2DAN	Dance	60% in the English exam or 'B' grade in EALD * and 'C' for Dance
A1DRA/A2DRA	Drama	60% in the Semester 1 English exam or 'A' grade for EALD or a 'B' for Drama.
A1MPA/A2MPA	Media Production and Analysis	60% in English exam or a 'B' grade in EALD *
A1MUS/A2MUS	Music	'C' for Music
	Music (Curriculum - Endorsed Unit)	Successful interview with the Director of Music & enrolment in at least one ensemble.
CUV20111	Certificate II in Visual Arts: Photography Focus	Some previous photographic course work
Learning Area: Careers and Enterprise		
A1CAE/A2CAE	Career and Enterprise	55% in the English exam or 65% in the EALD * exam or 'B' grade in HASS or 60% in HASS exam
Learning Area: English		
A1ENG/A2ENG	English	60% in the English exam and a 'B' grade for English
F1ELD/F2ELD	English as Additional Language / Dialect	Students must demonstrate SCSA eligibility and have a recommendation from Course Counsellor
A1ELD/A2ELD	English as Additional Language / Dialect	Students must demonstrate SCSA eligibility
A1LIT/A2LIT	Literature	65% in the English exam and a 'B' grade for English
Learning Area: Health & Physical Education		
A1HEA/A2HEA	Health Studies	'B' grade in English or EALD *
A1PES/A2PES	Physical Education Studies (General)	'B' grade in English or EALD * or HASS and a 'B' in Maths or Science
A1PES/A2PES	Physical Education Studies (Volleyball)	'B' grade in English or EALD * or HASS and a 'B' grade in Maths or Science
SIS20210	Certificate II in Outdoor Recreation	Must complete a swim competency test.
Learning Area: Humanities and Social Sciences		
A1ACF/A2ACF	Accounting & Finance	'C' grade in Mathematics and 'C' grade in English or EALD *
A1ECO/A2ECO	Economics	'B' grade or exam mark of 60% in HASS.
A1GEO/A2GEO	Geography	'B' grade or exam mark of 60% in HASS.
A1HIM/A2HIM	Modern History	'B' grade or exam mark of 60% in HASS
A1PAL/A2PAL	Politics & Law	'B' grade or exam mark of 60% in HASS.

Subject Code	SUBJECT/COURSE	PREREQUISITE
Learning Area: Languages		
A1CFL/A2CFL	Chinese: First language	'C' for Semester 1 Chinese Background, successful interview
A1CBL/A2CBL	Chinese: Background Language	Successful interview and demonstrated eligibility
A1CSL/A2CSL	Chinese: Second Language	'C' for Semester 1 Chinese Second Language, successful interview and eligibility
A1FSL/A2FSL	French: Second Language	'C' for Semester 1 French, successful interview
A1GSL/A2GSL	German: Second Language	'C' for Semester 1 German, successful interview
A1JSL/A2JSL	Japanese: Second Language	'C' for Semester 1 Japanese Second Language, successful interview and eligibility
Learning Area: Mathematics		
A1MAA/A2MAA	Mathematics Applications 1 & 2	'C' grade in Mathematics
A1MAM/A2MAM	Mathematics Methods 1 & 2	'B' grade in Mathematics
A1MAS/A2MAS	Mathematics Specialist	'B' grade in Mathematics and must enrol in Methods concurrently
Learning Area: Science		
A1BIO/A2BIO	Biology	55% in Biology exam
A1HBY/A2HBY	Human Biology	55% in Biology exam
A1CHE/A2CHE	Chemistry	65% in Chemistry exam
A1PHY/A2PHY	Physics	65% in Physics exam and 'B' grade in Mathematics
A1PSY/A2PSY	Psychology	60% in English exam or EALD *
Learning Area: Technology and Enterprise		
A1EST/A2EST	Engineering Studies (Mechanical)	Students must be enrolled in A1MAM and A1PHY.

* EALD students not meeting this prerequisite should see the Teacher in Charge of ESL.

COURSES WITHOUT PREREQUISITES

These courses below do NOT require students to have met a prerequisite before enrolling:

Subject Code	Subject/Course
Learning Area: The Arts	
CUA20111	Certificate II in Dance
CUE20103	Certificate II in Live Production, Theatre and Events (Drama)
CUV20111	Certificate II in Visual Arts: Media Focus
CUV20111	Certificate II in Visual Arts: Arts Focus
Learning Area: Careers and Enterprise	
G1CAE/G2CAE	Career and Enterprise General
Learning Area: English	
F1ENG/F2ENG	English (following recommendation from Course Counsellor)
G1ENG/G2ENG	English
Learning Area: Humanities and Social Sciences	
BSB20112	Certificate II in Business
Learning Area: Health and Physical Education	
SIS20310	Certificate II in Sport and Recreation
Learning Area: Mathematics	
G1MAE/G2MAE	Mathematics Essentials
F1MAT/F2MAT	Mathematics (following recommendation from Course Counsellor)
Learning Area: Science	
G1ISC/G2ISC	Integrated Science
MSL20109	Certificate II in Sampling and Measurement
Learning Area: Technology and Enterprise	
CUF20107	Certificate II in Creative Industries (Media; Live Production - Radio Rossmoyne)
CUF20107	Certificate II in Creative Industries (Media; Interactive Media – Hyper-Activ)
ICA20111	Certificate II in Information, Digital Media and Technology (Graphics Guru)
G1MDTM/G2MDTM	Materials Design Technology (Metal)
G1MDTW/G2MDTW	Materials Design Technology (Wood)
G1AIT/G2AIT	Applied Information Technology
SIT20207	Certificate II in Hospitality
A1FST/A2FST	Food Science and Technology
LMT21707	Certificate II in Applied Fashion Design (Textiles)
CHC20112	Certificate II Community Services

Course Descriptions

YEAR 11

2015

Course Descriptions by Learning Area

	Page Number Year 11
The Arts	17
Career and Enterprise	23
English	24
Health and Physical Education	27
Humanities and Social Sciences	30
Languages	34
Mathematics	38
Science	40
Technology and Enterprise	44
Vocational Education and Training (VET)	53

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 small classes. Some courses are very popular. However, school facilities limit the number of classes that are able to be formed. Preference will be given to those students who meet the prerequisites and submit their Course Selection Form by the due date.

THE ARTS

DANCE

In Year 11 students wishing to study dance have two options. An ATAR Dance course prepares students for the more difficult ATAR course in Year 12. Alternatively students may be interested in completing a Certificate II in Dance (Live Performance) over the two years of upper school.

DANCE - ATAR A1DAN/A2DAN

Prerequisite: 60% in the English exam or B grade for EALD and C for Semester 1 Dance.

The Dance course for Year 11 provides the opportunity for practical and theoretical study of dance as an art form. The course has been designed to develop the student's ability to create, to perform and to appreciate dance within its historical, social and multicultural 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.

A1DANCE

The focus of this unit is popular culture. We will explore the functions and contexts of dance in society as it relates to popular culture over time;

- Safe dance practices (warm up and cool down, physical, emotional and intellectual health of a dancer);
- Technique specific to the genre being studied;
- Performance qualities and etiquette;
- Increased opportunities for performance;
- Design concepts and technologies; and
- Student choreography and improvisation.

There are also more opportunities for live performance and reflection.



A2DANCE

The focus of this unit is Australian Dance. In this we explore the dance landscape of Australia, including relevant companies, artists and choreographers;

- Technique specific to the genre being studied;
- Use of specific dance language;
- Reflection and development of ideas and concepts;
- Manipulation of elements and choreographic processes;
- Production of dance works to reflect an understanding of Australian culture;
- Comparisons between their own work and that of others;
- Safe dance practices (injury prevention);
- Design and technology (lighting and sound).

Career Possibilities

Students with a special interest in dance may pursue a career as a performer, dance teacher, choreographer or go on to study dance locally at the Western Australian Academy of Performing Arts (WAAPA), interstate at institutions such as Victorian College of the Arts (VCA), Brent Street Studios and Dance World. Knowledge of dance can also be of great benefit in the study of other fields such as Physical Education, Movement and Health Sciences, Music, Drama and Teaching. A background in dance is also useful if a student wishes to pursue a career in the entertainment, health, hospitality or tourism industries.

Students will have the opportunity to extend their performing experiences through special projects. Learning will be assisted through classes with guest teachers and theatre performances. Students will be studying genres such as Contemporary, Hip Hop, Jazz and Swing.

Assessments:

- Research, response and evaluation as well as technique-based tasks specific to the genre or style of dance being studied.
- Student choreography, improvisation and performance of individual choreography and class works.
- Students doing dance will also sit the examinations each semester consisting of practical examination, written examination and an interview.

Notional Course Charge: \$120.00



Certificate II in Dance CUA20111 or 20113

Prerequisite: Dance in Years 9 or 10 or the equivalent out of school or an audition and application form.

2-Year Course

This is an accredited course that provides the career-minded dance student with specialised training in three dance genres. One genre will be Contemporary dance in which you will develop an increased movement vocabulary through floor work, technical combinations and compositional elements. The other two will be Jazz and Street Dance. The certificate course allows the student to work at a high level of achievement in dance, while continuing formal secondary schooling. The Certificate program is particularly beneficial for those students who intend to audition for tertiary dance programs. It is also designed to reflect and meet the needs of the dance industry. This qualification is a preparatory qualification that can be used as a pathway into specialist Certificate III qualifications within the live performance industry.

The entry requirements for this qualification are Year 9 and 10 Dance or the completed equivalent in external dance classes. Those students who have not met these requirements may submit an application form and perform an audition in order to be chosen for this course.

Some of the basic skills covered are the ability to work effectively with others, develop basic dance techniques, incorporate artistic expression into basic dance performances, follow basic safe dance practices, develop a basic level of physical condition for dance performance, prepare for performances, and to develop and apply creative arts industry knowledge.

In practical classes students will be required to perform basic contemporary dance technique and be competent in one other style such as jazz, ballet, tap, street dance or cultural dance technique.

Assessments:

- Research, response and evaluation and as technique based tasks specific to the genre or style of dance being studied.
- Student choreography, improvisation and performance of both individual choreography and class work.
- Practical assessments.
- Completion of workbook.

Notional Course Charge: \$150.00

DRAMA

DRAMA ATAR A1DRA/A2DRA

Prerequisite: 60% in the Semester 1 English exam or A grade for EALD or a B for Year 10 Drama..

In the Drama course, students will create, produce and present their own drama as well as interpret drama texts. They will engage with, research and analyse drama, considering how drama reflects and challenges different cultural and historical values and attitudes. Students will explore drama forms and styles that range from traditional forms to contemporary drama. Working independently and in collaboration, students will be encouraged to develop confidence in performance, using a wide range of skills, techniques and processes to express their ideas.

Students will be involved in productions, camps and theatre excursions. They will present their devised performance to the public in Term 3 and should therefore expect an out-of-school time commitment for rehearsals and the actual production. They will also view two professional performances during the year in out-of-school hours and students should expect to be out of the school for 3 days for the camp in Term 2.

Assessments:

- Creation of original drama.
- Performance from scripted texts.
- Investigation of technologies used in theatre
- Research theatre styles.
- Maintain a process journal and portfolio to explore and demonstrate understanding of topics covered in class.

Practical work will make up approximately 60% to 70% of the course load. The remainder is the written component.

Notional Course Charge: \$100.00



Certificate II in Live Production, Theatre and Events (Drama) CUE 20103

Prerequisite: Nil

2-Year Course

This performance-based qualification reflects the role of individuals who perform a range of mainly routine tasks and who work under direct supervision in preparation for live performance. It is a flexible entry level qualification, which has been customized to meet a broad range of industry needs, leading to job roles such as that of a front of house assistant in small venues or lighting/audio/staging assistants for live productions. This course will involve a public performance aspect. This is a two year course that provides students with the opportunity to support the preparation and staging of live productions.

Assessments: Based on folio work, observation and verbal questioning.

Notional Course Charge: \$130.00



MEDIA

MEDIA PRODUCTION & ANALYSIS - ATAR A1MPA/A2MPA

Prerequisite: 60% in the Semester 1 English exam or B grade for EALD.

These units focus on popular culture, and the press and broadcasting. Students will view, listen to and analyse a range of popular media, develop their own ideas, learn production skills and apply their understandings and skills in creating their own productions. In contexts related to press and broadcasting, students will view, listen to and analyse a range of journalistic or documentary forms and they will undertake more extensive research into the representation and reporting of cultural groups and issues. They will draw on knowledge when developing ideas for their own productions.

Students will extend their understanding of production practices and responsibilities. They will become increasingly independent as they experiment with and manipulate technologies and techniques to express their ideas in their own productions in collaboration with other students.

Assessments:

Assessment in both units will include working in groups to create their own productions, as well as group and individual theory tasks.

- Investigation: research tasks.
- Production: creative digital video productions – TV drama and current affairs.
- Response: analytical essays.

Notional Course Charge: \$100.00

Certificate II in Visual Arts: Media Focus CU20113

Prerequisite: Nil.

2-Year Course

This course allows students to develop the basic creative and technical skills that underpin visual arts and craft practice within a media framework.

The course focuses on the following areas:

Making simple creative work.

Developing video art skills.

Developing digital imaging skills.

Developing and applying creative arts industry knowledge.

Assessments:

Total number of units = 9

4 core units plus.

5 elective units.

All units must be completed to a satisfactory level to obtain the Certificate II.

Notional Course Charge: \$100.00



MUSIC

MUSIC - ATAR A1MUS/A2MUS

Prerequisite: The developed skills and knowledge acquired in Years 8-10 Music and a C for Semester 1 Music.

The course has two main sections:

- Performance OR a composition/research portfolio, that is worth 40% of the course; and
- Coursework (aural, theory, analysis, composition and cultural and historical perspectives of Western Art Music), that is worth 60% of the course.

Students will continue weekly instrumental lessons with DET or private teachers. Students must be enrolled in at least one ensemble as directed by the Music Department and participate in all performances related to their ensembles. This will involve out-of-hours rehearsals, lessons and performances. Students will also be involved in a 3-day camp in Term 3.

Students who are considering music studies at tertiary level or who are interested in a career in the music industry, such as concert promotion, music educator or music librarian are encouraged to enrol in this course.

Assessments:

- Course work: 60%.
- Examinations: 40%.

Notional Course Charge: \$80.00

MUSIC (CURRICULUM-ENDORSED UNIT) PSIM1

Prerequisite: Successful interview with the Director of Music and enrolment in at least one ensemble.

Students must be enrolled in at least one ensemble as directed by the Music Department and participate in all performances related to their ensembles.

This music course is an Endorsed Program.

This course is designed for students who are not enrolled in a music course but wish to continue their participation in the music program through instrumental and ensemble participation. Students must continue to attend all instrumental lessons and maintain their weekly journal.

This will involve out-of-hours rehearsals, lessons and performances. Students will also be involved in a 3-day camp in Term 3.

Assessments:

- Student journal.
- Ensemble report.
- School report.

Notional Course Charge: \$71.00



VISUAL ARTS

Certificate II in Visual Arts: Arts Focus CU201113

Prerequisite: Nil

2-Year Course

This course will be delivered over two years and incorporates Vocational Education and Training (VET) arts competencies in a nationally recognised training package that provides people with occupational knowledge and skills and credit towards, or attainment of, a vocational education and training qualification under the Australian Qualifications Framework (AQF).

The Certificate II in Visual Arts contains units of competency in drawing, designing, ceramics, painting, printmaking and presentation of art works. This qualification allows students to develop the basic creative and technical skills that underpin visual arts and craft practice.

The course aims to help students achieve employability skills in the areas of planning, communication, teamwork, problem-solving, self-management, initiative and utilising learning technology in enterprises and organisations with an Arts focus. Students will become aware of basic safe arts practices and develop and apply creative arts industry knowledge and workplace communication.

Upon successful completion of this course students will be awarded a Certificate II in Visual Arts that may be used to enhance their job opportunities or as a pre-requisite for further studies.

Assessments:

- Research, response and evaluation based tasks specific to the theme or style of art being studied.
- Student art works, drawings and designs.
- Student's exhibition of works.

Notional Course Charge: \$120.00

PHOTOGRAPHY

Certificate II in Visual Arts: Photography Focus CU201113

Prerequisite: Some previous photographic course work.

2-Year Course

This certificate allows students to develop the basic creative and technical skills that underpin visual arts with a strong focus on Photography.

This Certificate II course contains units of competency in the capture, manipulation, and production of high quality and creative photographic images. This qualification allows learners to develop the creative and technical skills that underpin photography.

The course aims to help students achieve employability skills in the areas of planning, communication, teamwork, problem-solving, self-management, initiative and utilising learning technology in enterprises and organisations with a Photography emphasis. Students will become aware of basic safe practices and develop and apply these to the photography industry.

Upon successful completion of this course students will be awarded a Certificate II in Visual Arts that may be used to enhance their job opportunities or as a pre-requisite for further studies.

Assessments:

As a Certificate course a number of competencies are assessed. In this course there are 4 core and 5 elective competencies. Assessment tasks will include portfolio work, research and evaluation based tasks specific to the theme or style of photography being studied.

Notional Course Charge: \$160.00



Career and Enterprise

Career education has moved towards learning to manage and take responsibility for personal career development before even leaving school. The Career and Enterprise course equips students with the tools to head confidently into an uncertain future. It begins with recognising individual skills and talents, and moves on to using this understanding to find work and keep it. All aspects of work and patterns and economic restructuring are realities of the rapidly changing world of work students will be entering. Learning to deal with constant change through adaptability, enterprise and lifelong learning are vital elements of the course, along with exploration of social, cultural and environmental issues.

Career and Enterprise is used by a significant number of students in ATAR calculations. (In 2012 it was the top or second highest ATAR score for 62% of Career and Enterprise students, in 2013 60% used it as their top or second highest score)

CAREER AND ENTERPRISE – GENERAL G1CAE/G2CAE

Prerequisite: Nil

This course is designed for students planning to complete Year 11 and 12, enter the workplace or enrol in a Training WA college during Upper School (not university bound). It is a compulsory course for the Certificate Pathways Program students. The courses are available for all Year 11 students. Students who are enrolled in this unit are expected to do Workplace Learning

Assessments:

Continuous assessment will occur through practical and written tasks.

Notional Course Charge: \$48.00



CAREER AND ENTERPRISE - ATAR A1CAE/A2CAE

Prerequisite: 55% in the English exam / 65% EALD exam or B grade or exam mark of 60% in Year 10 HASS.

This course is for students planning to use Career and Enterprise for their ATAR calculation where scaling processes may favour students doing the Units 3 and 4 of this course (62% of students in 2012 used this course as their highest or second highest ATAR scoring course). See page 6.

These courses of study will allow students to explore the changing world of work, and will equip students with the knowledge, skills and attitude to enable them to be enterprising and proactive managers of their career development.

The Career and Enterprise Course is strongly oriented to the needs of the individual student, particularly regarding their career aspirations. Through a variety of classroom activities and excursions, students will have the opportunity to explore career choices, set goals, and learn to work in a team, prepare an employment application, compile a portfolio of their achievements, attend a mock interview and participate in a range of practical activities.

Teamwork skills are developed through a variety of practical and group activities aimed at developing enterprising skills such as problem solving, communication, using technology and self-management.

Students will also have the opportunity to participate in the Workplace Learning program. Work placements are designed to provide students with the opportunity to gain 'first-hand' work experience while trialling a possible future career.

Assessments:

Continuous assessment through practical and written tasks.

Notional Course Charge: \$32.00

ENGLISH

General pathway description	Year 11 2015	Year 12 2016
English		
(i) Typical university oriented pathway	A1ENG/A2ENG	A3/ENG/A4ENG
(ii) Typical pathway to further training or employment	G1ENG/G2ENG	G3/ENG/G4ENG
(iii) Pathway to further training or employment	F1ENG/F2ENG	F3/ENG/F4ENG
English as an Additional Dialect		
(i) Typical university oriented pathway	A1ELD/A2ELD	A3ELD/A4ELD
(ii) Pathway to further training or employment	F1ELD/F2ELD	F3ELD/F4ELD
Literature		
(i) Typical university oriented pathway	A1LIT/A2LIT	A3LIT/A4LIT

Foundation units are intended for students who have not achieved Band 8 in the NAPLAN/OLNA test. The focus is on developing basic skill levels.

ENGLISH - FOUNDATION F1ENG/F2ENG

Prerequisite: Nil

In these units students will:

- Develop skills in functional literacy, including appropriate spelling, punctuation and grammar.
- Develop skills in reading (understanding, comprehending, interpreting, analysing) texts for work, learning, community and/or everyday personal contexts
- Develop skills in producing (constructing, creating, writing) texts for work, learning, community and/or everyday personal contexts
- Develop skills in speaking and listening for work, learning, community and everyday personal contexts

Assessments:

- Portfolio or Journal Tasks, including homework, comprehension, etc
- 2-4 Comparability Tests
- Assessment Tasks which include Speaking and Listening Tasks

Notional Course Charge: \$60.00

ENGLISH – GENERAL G1ENG/G2ENG

Prerequisite: Nil

Unit 1

This unit focuses on students comprehending and responding to the ideas and information presented in texts.

Students:

- Employ a variety of strategies to assist comprehension
- Read, view and listen to texts to connect, interpret and visualise ideas
- Learn how to respond personally and logically to texts by questioning, using inferential reasoning and determining the importance of content and structure
- Consider how organisational features of texts help the audience to understand the text
- Learn to interact with others in a range of contexts, including everyday, community, social, further education, training and workplace contexts
- Communicate ideas and information clearly and correctly in a range of contexts
- Apply their understanding of language through the creation of texts for different purposes.

Unit 2

This unit focuses on interpreting ideas and arguments in a range of texts and contexts.

Students:

- Analyse text structures and language features and identify the ideas, arguments and values expressed
- Consider the purposes and possible audiences of texts
- Examine the connections between purpose and structure and how a text's meaning is influenced by the context in which it is created and received
- Integrate relevant information and ideas from texts to develop their own interpretations
- Learn to interact effectively in a range of contexts
- Create texts using persuasive, visual and literary techniques to engage audiences in a range of modes and media.

Assessments:

- Portfolio or Journal Tasks, including homework, comprehension etc.
- 2-4 Comparability Tests
- Assessment Tasks which include Speaking and Listening Tasks.

Notional Course Charge: \$60.00



ENGLISH – ATAR A1ENG/A2ENG

Prerequisite: 60% in the English exam and a B for English

Unit 1

Students explore how meaning is communicated through the relationships between language, text, purpose, context and audience. This includes how language and texts are shaped by their purpose, the audiences for whom they are intended, and the contexts in which they are created and received. Through responding to and creating texts, students consider how language, structure and conventions operate in a variety of imaginative, interpretive and persuasive texts. Study in this unit focus on the similarities and differences between texts and how visual elements combine with spoken and written elements to create meaning. Students develop an understanding of stylistic features and apply skills of analysis and creativity. They are able to respond to texts in a variety of ways, creating their own texts, and reflecting on their own learning.

Unit 2

Students analyse the representation of ideas, attitudes and voices in texts to consider how texts represent the world and human experience. Analysis of how language and structural choices shape perspectives in and for a range of contexts essential to this unit by responding to and creating texts in different modes and media, students consider the interplay of imaginative, interpretive, persuasive and analytical elements in a range of texts and present their own analyses. Students critically examine the effect of stylistic choices and the ways in which these choices position audiences for particular purposes, revealing and/or shaping attitudes, values and perspectives.

Through the creation of their own texts, students are encouraged to reflect on their language choices and consider why they have represented ideas in particular ways.

Assessments:

- Portfolio or Journal Tasks, including homework, comprehension etc.
- 2 Examinations
- 2-4 Comparability Tests
- Assessment Tasks which include Speaking and Listening Tasks.

Notional Course Charge: \$60.00

**ENGLISH AS AN ADDITIONAL
LANGUAGE/DIALECT – FOUNDATION
F1ELD/F2ELD**

Note: Students must meet the SCSA eligibility requirements.

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 SCSA.

The focus for both units is developing their communication skills in the English Language. This will be done through the areas of reading, writing, viewing, speaking and listening.

Assessments:

- Investigation
- Response
- Production (Written)
- Production (Oral)

Notional Course Charge: \$60.00

**ENGLISH AS AN ADDITIONAL
LANGUAGE/DIALECT - ATAR
A1ELD/A2ELD**

Note: Students must meet the SCSA eligibility requirements.

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 SCSA.

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.

Assessments:

Students will be assessed during 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 will sit a written examination which includes a listening section and an oral examination. The examination mark is worth 20% of the total mark of the course.

Notional Course Charge: \$60.00

**LITERATURE - ATAR
A1LIT/A2LIT**

Prerequisite: 65% in the English exam and B for English.

Unit 1

This course develops students' knowledge and understanding of different ways of reading and creating literary texts drawn from a widening range of historical, social, cultural and personal contexts. Students analyse the relationships between language, text, contexts, and an individual's perspective to explain a reader's response.

This unit develops knowledge and understanding of different literary conventions and storytelling traditions and their relationships with audiences. A range of literary forms is considered: prose fiction, poetry and drama. The significance of ideas and the distinctive quality of texts are analysed through detailed textual study. Through the creation of analytical responses, students frame consistent arguments that are substantiated by relevant evidence. In the creation of imaginative texts, students explore and experiment with aspects of style and form.

Unit 2

Develops students' knowledge and understanding of intersexuality, the ways literary texts connect with each other. Drawing on a range of language and literary experiences, students consider the relationships between texts, genres, authors, readers, audiences and contexts. The ideas, language and structure of different text are compared and contrasted. Exploring connections between text involves analysing their similarities and differences through an analysis of the ideas, language used and forms of texts. Students create analytical responses that are evidence-based and convincing. By experimenting with text structures and language features, students understand how their imaginative texts are informed by analytical responses.

Assessments:

- Close Reading responses.
- Seminar/Tutorial/Group work presentations.
- Creative Writing Projects.
- 2 Examinations.
- Comparability Tests.
- Essays.

Notional Course Charge: \$60.00

HEALTH & PHYSICAL EDUCATION ATAR COURSES

HEALTH STUDIES - ATAR A1HEA/A2HEA

Prerequisite: B grade in English

Units 1 and 2 focus on the impact of popular culture, technology and the environment towards the health of individuals and the community. The units explore health promotion and attitudes, resources, changing technology, services and environmental factors which influence health. The concept of community development is also introduced.

Career possibilities:

Health Studies will prepare students for career and employment pathways in a range of health and community service industries such as nursing, health promotion, health and fitness, childcare, community services, youth work, beauty therapy and food-related industries.

Assessments:

Three major assessment tasks per semester comprising:

- Health enquiry.
- Response task.
- Production task.

Notional Course Charge: \$30.00



PHYSICAL EDUCATION STUDIES

Physical Education Studies is the study of sports performance and the concepts involved in movement. The course focuses on the complex interrelationships between motor learning and psychological, biomechanical and physiological factors that influence individual and team performance by engaging students as performers, leaders, coaches, analysts and planners of physical activity. Physical activity contexts serve both as a source of content and data and as a medium for learning. Two hours per week are devoted to conceptual elements of the course and another two hours per week are physical activity sessions where movement concepts are applied.

Students and parents are advised that Physical Education Studies involves a study and homework load like all other ATAR courses.

In Year 12, students will sit a practical performance examination as well as a written examination. The practical performance examination is in the third term school holidays.

There are two courses in Physical Education Studies:

PHYSICAL EDUCATION STUDIES - ATAR A1PES/A2PES

Prerequisite: B grade in English or HASS and a B grade in Maths or Science

This course studies movement over four contexts in two years. Year 11 contexts are Basketball (semester 1) and Badminton (semester 2). In Year 12, Contexts include Volleyball (semester 1) and Touch (semester 2). These contexts are chosen to best serve the concepts in the course and complement learning 'through and within movement'. At the end of Year 12, students are required to do an external practical examination of their own choice and the written paper. See the SCSA website for more details.

Notional Course Charge: \$100.00

PHYSICAL EDUCATION STUDIES (VOLLEYBALL) 2APESV/2BPESV

Prerequisite: B grade in English or HASS and a B grade in Maths or Science. B grade in Year 10 Volleyball.

This course studies movement contexts in Volleyball in Year 11 and 12. Students selecting this course would normally be those who will sit the external practical examination (Year 12) in Volleyball. However, it is advised that students also have some experience in other sporting contexts through which movement contexts can be applied, as written examination questions will draw upon a number of sporting examples. Please note that due to timetable constraints and subject selection, some volleyball students may receive Physical Education Studies (General) as has happened in previous years. This is not a disadvantage as Volleyball is a context of study in Year 12 (General Course) and practice for the external practical examination will be provided by Volleyball specialists.

Assessment (General and Volleyball):

- Practical Performance 30%
- Investigations (two per semester) 30%
- Examination 40%

Notional Course Charge: \$100.00

It is recommended that students and parents download the Health Studies and Physical Education Studies syllabus from the School Curriculum and Standards Authority website for more information



CERTIFICATE COURSES

Certificate II in Sport and Recreation SIS20312

Prerequisite: Nil

1 Year Course

This course gives students knowledge and experience in a variety of sport and recreation environments, with a focus on community health and wellbeing, as well as potential employment pathways.

This course leads to Certificate II Sports Coaching in Year 12.

Assessments:

This has competency based, ongoing assessment that is coordinated with the training package.

Includes projects and practical performance:

- Practical 50%.
- Class work 50%.

Notional Course Charge: \$130.00

Career Possibilities in the Health and Education Learning Area:

These courses prepare students for a variety of post-school pathways, including immediate employment or tertiary studies. They provide students with an increasingly diverse range of employment opportunities in the sport, leisure and recreation industries, education, sport development, youth work and health and medical fields linked to physical activity and sport. The courses also equip students to take on volunteer and leadership roles in community activities.

Certificate II in Outdoor Recreation SIS20210

Prerequisite: This course requires participation in water-based activities. Students seeking to enrol must make an appointment with the Teacher-in-Charge and be able to demonstrate that they are strong swimmers and are able to commit to participation in the excursions where most practical assessments are completed.

2-Year Course

This qualification provides the skills and knowledge for an individual to be competent in performing core skills in outdoor recreation environments and assisting with the conduct of a range of outdoor activities.

Work may be undertaken as part of a team and would be performed under supervision. Work would be undertaken in field locations such as camps or in indoor recreation centres or facilities, in differing environments such as water-based, dry land and mountainous terrains, using a diverse range of equipment.

The course covers topics such as: expeditions in the natural environment, navigation, survival awareness, weather and roping.

Students may be expected to attend camps or excursions to demonstrate their skills in an outdoor environment.

Assessments:

This has competency based, ongoing assessment that is coordinated with the training package.

- Practical 50%
- Theory work 50%.

This course continues into Year 12.

Notional Course Charge: \$230.00

HUMANITIES AND SOCIAL SCIENCES

The Humanities and Social Sciences Learning Area offers courses in Accounting & Finance, Economics, Geography, Modern History and Politics & Law as well as a Certificate II in Business.

Units 1 and 2 are offered in Accounting & Finance, Economics, Geography, Modern History and Politics & Law to Year 11 students. These units have a greater academic focus and are designed to lead to Units 3 and 4 in Year 12.

The Certificate II in Business course is designed to be completed over two years (i.e. Year 11 and Year 12). This course may suit ATAR-bound students as a sixth subject. It will also suit students considering employment after Year 12, or those considering further studies at a Training WA college at the end of Year 12.

Certificate II in Business BSB 20107

Prerequisite: Nil.

2-Year Course

The focus of this two year course is to provide the student with office skills that will enable them to work in most industries. Students may then wish to pursue further studies in this field by completing Certificate III in Business at Training WA colleges.

Students will learn a variety of office skills including: word processing, spread sheets, designing organisational documents, preparing and processing accounts, and processing and maintaining workplace information. They will also have the opportunity to use a variety of business technology, and learn how to work effectively in a business environment.

The course offers opportunities for students to access both long and short-term employment opportunities. Students will develop relevant technical, vocational and interpersonal competencies suitable to employment and further training in business as well as skills, knowledge and experiences that are transferable to other industry areas.

This course may be of significant value to students who intend to study five ATAR subjects but do not wish to pursue Private Study in place of their sixth subject.

Assessments:

- No Exam
- Continuous Assessments.
- Competency Based (Skills are assessed as they are achieved)

Notional Course Charge: \$88.00

ACCOUNTING & FINANCE - ATAR A1ACF/A2ACF

Prerequisite: C grade in Year 10 Mathematics and C Grade in EALD.

Accounting will provide students with an understanding of the concepts and procedures needed to process the financial records of a small business. It is designed to cater for the needs of a wide range of students who will gain personal benefit from the ability to manage their financial records. Accounting is particularly useful for those who one day hope to run their own business or professional practice. It is also highly beneficial to students considering studying commerce or business at university or through Training WA colleges because the knowledge and skills gained in this course provide the basis for many careers e.g. accounting, marketing, management and finance.

The demand is at a premium for professionals with an accounting background. This is the case not only locally but nationally and internationally. Many incentives are currently being offered by accounting firms and the Institute of Chartered Accountants (ICAA) for students to pursue a career in Accounting.

In Year 12 the students will be given the opportunity to apply for cadetships (employment opportunities) with a number of accounting firms, and the ICAA provides an opportunity for students to meet and network with business leaders

Assessments:

- Topic tests.
- Project.
- Semester exam.

Notional Course Charge: \$58.00

ECONOMICS - ATAR A1ECO/A2ECO

Prerequisite: Minimum is B grade or exam mark of 60% in Year 10 Humanities and Social Sciences.

The Economics course investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with a limited quantity of resources. It considers these aspects at the local, national and global (international) levels. There is constant reference to examples and the workings of the Australian economy. One of the key aims of this course is to develop the economic literacy of students, so students need good general literacy skills.

UNIT 1 - Markets

- Markets and Prices;
- Market Efficiency and Equity; and
- Market Failure and Government Policies.

Unit A1ECO is an introduction to microeconomics and the role that markets play in determining the well-being of individuals and society, as well as the limitations of markets. It explores the workings of real world markets with the emphasis on the Australian economy.

Unit 2 - Macroeconomics

- Macroeconomic Activity;
- Macroeconomic Concepts and Issues;
- The Government's Role in the Australian Economy; and Macroeconomic Performance.

Unit A2ECO is an introduction to macroeconomics and the government's role in the economy. It explores macroeconomic issues and problems such as economic growth, inflation and unemployment with an emphasis on the Australian economy.

This will be taught within the context of Australia's current economic performance, the level of performance of the Australian economy generally over the last ten years, recent trends in the level of economic activity in Australia compared with other economies and the current economic and political climate.

Benefits to the student include transferable skills; and access to careers where knowledge of economics is an advantage such as business, political science, commerce, marketing, accountancy, journalism, media, finance, stock-broking and law.

Assessments:

There will be approximately 7 assessments in class during the year. Semester exams will occur at the completion of each unit. Assessment types include:

Data Interpretation	30%
Multiple Choice Topic Test	30%
Extended Response	40%
Examinations	30%

Notional Course Charge: \$58.00

GEOGRAPHY - ATAR A1GEO/A2GEO

Prerequisite: Minimum is B grade or exam mark of 60% in Year 10 Humanities and Social Sciences.

The study of geography involves investigating a range of challenges and opportunities facing Australia and the global community. These challenges include rapid change in biophysical environments, dealing with environmental risks, the sustainability of places and the consequences of international integration. Geography draws on students' curiosity about the diversity of the world's places and their peoples, cultures and environments. A strong emphasis is placed on the use of geographical inquiry methods and skills. The understandings, skills, knowledge and values developed in the course will ensure students are well placed for tertiary study and/or employment.

Unit 1 – Natural and ecological hazards

In this unit students explore the management of hazards and the risk they post to people and environments. Risk management is defined in terms of preparedness, mitigation and/or prevention. The two depth studies will focus on natural hazards (atmospheric, hydrological or geomorphic hazards such as cyclones, floods or earthquakes) and ecological hazards (environmental/diseases/pandemics and plant/animal invasions).

Unit 2 – Global Networks and Interconnections

In this unit students explore the economic and cultural transformations taking place in the world due to globalisation and the spatial outcomes of these processes. The two depth studies will focus on the production and consumption of a good or service (mineral resource, food good or service such as tourism) and the diffusion of an element of culture (such as fashion, sport, music, religion, language, architecture or political ideas).

Assessments:

- Geographical Inquiry 20%.
- Fieldwork / practical skills 20%.
- Short and extended responses 30%.
- Examination 30%.

Notional Course Charge: \$58.00

MODERN HISTORY

The Modern History ATAR course enables students to study the forces that have shaped today's world and provides them with a broader and deeper comprehension of the world in which they live.

Modern History enhances students' curiosity and imagination and their appreciation of larger themes, individuals, movement, events and ideas that have shaped the contemporary world.

The Modern History ATAR course aims to develop students':

- Knowledge and understanding of particular events, ideas, movements and developments that have shaped the modern world.
- Capacity to undertake historical inquiry, including skills in research, evaluation of sources, synthesis of evidence, analysis of interpretations and representations, and communication of findings
- Application of historical concepts, including evidence, continuity and change, cause and effect, significance, empathy, perspectives and contestability.
- Capacity to be informed citizens with the skills, including analytical and critical thinking, to participate in contemporary debates.

Modern History has a strong vocational value and the skills acquired are applicable to many forms of employment. "In today's fast changing workforce, the person who has broad based skills in acquiring and analysing information, in comprehension and communication has the best foundation for a career". (Melbourne University). Learning the skill of critical inquiry is essential for people working in business, government, law, science, industry, tourism, media, medicine and teaching. All these transferable skills are developed through the study of history.



MODERN HISTORY - ATAR A1HIM/A2HIM

Prerequisite: Minimum is B grade or exam mark of 60% in Year 10 Humanities and Social Sciences.

Unit 1 – Understanding the Modern World

This unit provides an introduction to significant developments in the modern period that have defined the modern world, and the ideas that underpinned them, such as liberty, equality and fraternity. This unit examines developments of significance in the modern era, including the ideas that inspired them and their far-reaching consequences. Students examine one development or turning point that has helped to define the modern world.

- Capitalism – The American experience 1907 - 1941

Unit 2 – Movements for change in the 20th Century

This unit examines significant movements developed in response to the ideas studied in Unit 11 that brought about change in the modern world and that have been subject to political debate. The unit focuses on the ways in which individuals, groups and institutions challenge authority and transform society. This unit examines significant movements for change in the 20th Century that led to Change in Society, including people's attitudes and circumstances.

- Nazism in Germany

Assessments:

- Historical Research. 20%
- Explanation 20%
- Source analysis 30%
- Exams 30%.

Notional Course Charge: \$58.00

**POLITICS & LAW - ATAR
A1PAL/A2PAL**

Prerequisite: Minimum is B grade or exam mark of 60% in Year 10 Humanities and Social Sciences

Unit 1: Focus on political and legal systems to develop political and legal literacy.

Unit 2: Focus on representation and justice to assess democracy and fairness.

Democracy is not a spectator sport. It asks each of us to become involved by participating in the direction we want our country to take. So it follows that we need an understanding of the principles, structures and processes of institutions such as parliament and the courts, elections, political parties and the way our political and legal system works.

The content, coupled with the development of analytical skills and examination of values as outlined in this course, will empower students to become active participants in the political and legal decisions that impact on their lives and the future of their communities.

Politics & Law will be of interest to those students who are considering a career in law, foreign affairs, industrial relations, politics, government (i.e. at local, state or federal levels), public administration, journalism, business management and commerce.

Possible Excursions: Parliament House and District Magistrate's Courts. Possible opportunity to participate in the Canberra Tour.

Assessments:

- Research Investigation 10%
- Source Analysis 20%
- Short Answer 20%
- Essay 20%
- Examinations 30%

Notional Course Charge: \$58.00



LANGUAGES

Special Note:

Languages (LOTE) Bonus applies to students of Chinese First language, Chinese Background Mandarin, Chinese Second Language, French, German and Japanese Second Language.

All four government funded universities provide a bonus to students sitting the exam in a Language other than English course. A loading of 10% will be added to the final scaled mark when calculating the TEA. The ATAR will be calculated on the basis of this higher TEA. If students are studying more than one language the bonus will be calculated using the language course with the highest mark.

Co-Curricular Program

Co-curricular activities are held either during school-time or out-of-school hours. It is strongly recommended that students take full advantage of the co-curricular program and attend all activities. These include film excursions, special performances, language competitions and restaurant outings.

In addition, there are opportunities for students to participate in exchanges or in in-country travel. These trips are a highlight for students who participate and since there are considerable costs involved, students will receive adequate warning about the timing of the trips.

There will be opportunities for students to participate in external examinations and competitions that have prizes attached. Entry into these is highly regarded when applying for Languages scholarships such as the Sangora Scholarship.

CHINESE: FIRST LANGUAGE - ATAR A1CFL/A2CFL

Prerequisite: C in Chinese Background in Year 10. New students wishing to enrol in this course need to be interviewed by the teacher of Chinese.

The Chinese: First Language course consists of four units, Units 1,2 in Year 11 and Units 3,4 in Year 12. The course has four outcomes:

- exchange information, opinions and ideas in Chinese;
- express ideas through the production of original texts in Chinese;
- analyse, evaluate and respond to a range of texts that are in Chinese; and
- understand aspects of the language and culture of Chinese-speaking communities.

Unit 1

The prescribed themes and contemporary issues for this unit are the individual and the community, and youth culture. The first theme enables students to examine the relationship between individuals and groups. This theme will explore changing attitudes towards family and gender groups. The second theme, examines the role of young people in society, and takes into account social and educational perspectives.

Unit 2

The prescribed themes and contemporary issues for this unit are Chinese communities, overseas and global issues. Students will examine the Chinese culture as it is experienced in non-Chinese cultural settings. Students will also look at aspects of the changing world, such as economic growth, the environment and the global community.

Assessments:

The assessment profile for this new subject is still being developed.

Notional Course Charge: \$50.00

CHINESE: BACKGROUND - ATAR A1CBS/A2CBS

Prerequisite: New students wishing to enrol in this course need to be interviewed by the teacher of Chinese. Students wishing to enrol in the Chinese Background course are required to complete an *Application for Second Language Eligibility* form.

Only students who have received notification from the School Curriculum and Standards Authority that they are not eligible for Chinese: Second Language course but are eligible for Chinese Background will be permitted to enrol in the Background course.

Background Chinese language students are typically those who have been brought up in a home where the Chinese language is used and who have a connection to Chinese culture. They have some degree of understanding and knowledge of Chinese, although their oral proficiency is typically more highly developed than their proficiency in the written language. These students have received all or most of their formal education in schools where English (or another language different from Chinese) is the medium of instruction.

The Background Chinese language course aims to enhance, extend and expand the linguistic and intercultural knowledge, understanding and skills that Heritage language learners bring to their studies. It aims to develop their ability to:

- use Chinese to communicate in a range of contexts
- understand how language works as a system
- appreciate their Chinese linguistic and cultural heritage
- understand how culture and identity are created and expressed through language
- make linguistic connections between Chinese and English, and/or other languages
- apply Chinese to work, further study, vocational training or leisure.

The content in Background Chinese course encompasses the following four areas.

- Issues, Perspectives and Contexts
- Personal investigation
- Characters
- Grammar

Assessments:

The assessment profile of this new subject is still being developed.

Notional Course Charge: \$50.00

CHINESE: SECOND LANGUAGE - ATAR A1CSL/A2CSL

Prerequisite: C in Chinese: Second Language in Year 10. New students wishing to enrol in this course need to be interviewed by the teacher of Chinese. In addition, all students need to complete an eligibility form from SCSA.

The Chinese: Second Language course consists of four units, Units 1,2 in Year 11 and Units 3,4 in Year 12. In the Chinese: Second Language course, communication is paramount. Students develop the skills and knowledge to communicate in Chinese. Communication involves the ability to comprehend, interpret and produce visual, spoken and written texts.

Unit 1

The focus of this unit is “the Chinese way”. It is for students who have sound basic skills in Chinese and are ready to explore and compare their own culture and identity with that of those students in Chinese-speaking communities and also explore different Chinese-speaking cultures through the medium of Chinese. Students will explore popular or traditional culture, the culture of everyday life, notions of national or regional identity, or other forms of culture specific to Chinese-speaking communities.

Unit 2

The focus for this unit is “travel - let’s go”. It is aimed at students who are ready to develop their skills to a higher level. They will interact with Chinese speakers in either Australia or other Chinese-speaking communities at a deeper level, and begin to view their own culture from the perspective of a Chinese speaker. This unit also focuses on ways in which learning Chinese may be of benefit to students in relation to future work.

Assessments:

Students have regular assessments. Weightings are as follows:

- | | |
|--|------------|
| • Oral Communication | 30% |
| • Response (Viewing, Reading & Responding)
(Listening & Responding) | 30%
20% |
| • Written communication | 20% |

Notional Course Charge: \$50.00

**FRENCH: SECOND LANGUAGE - ATAR
A1FSL/A2FSL**

Prerequisite: C in French in Year 10. New students wishing to enrol in this course will be interviewed by the teacher of French.

The French course consists of 4 units - Units 1,2 in Year 11 and Units 3,4 in Year 12.

In the French course, communication is paramount. Communication involves the ability to comprehend, interpret and produce visual, spoken and written texts. The course has 4 outcomes, listening and responding, spoken interactions, viewing, reading and responding and writing.

Unit 1

The focus for this unit is “C’est la vie!” It is for students who have sound basic skills in French and are ready for further development. They explore and compare their own culture and identity with that of those in France. This is done in the context of the following three themes: The Individual, The French-speaking Communities and The Changing World. Topics such as French festivals, cuisine and sport are examined within these themes, plus topics related to the individual including health, free time and future plans.

Unit 2

The focus for this unit is ‘voyages’. It is aimed at students who are ready to develop their skills to a higher level. The overall themes are: The Individual, The French-speaking Communities and The Changing World. Within these themes, both France and Australia are examined as tourist destinations, with an emphasis on cultural exchanges, examining experiences on both family and school life. Tourism, hospitality, the role of technology, stereotyping and celebrations are among the topics covered within the overarching themes.

Assessments:

Students will have regular assessments. All assessments are held during class periods. Weightings are as follows:

- Oral Communication 20%
- Written Response 20%
- Reading 15%
- Listening 15%
- Exam (oral and written) 30%

Notional Course Charge: \$50.00

**GERMAN: SECOND LANGUAGE - ATAR
A1GSL/A2GSL**

Prerequisite: C in German in Year 10. New students wishing to enrol in this course will be interviewed by the teacher of German.

The German course consists of 4 units – Units 1, 2 in Year 11 and Units 3,4 in Year 12. In the German course communication is paramount. Communication involves the ability to comprehend, interpret and produce visual, spoken and written texts. The course has 4 outcomes: listening and responding, spoken interaction, viewing, reading and responding and writing.

Unit 1

The focus for this unit is ‘Kultureller Austausch’. It is for students, who have sound basic skills in German and are ready for further development. Students explore and compare their own culture and identity with that of those in Germany and also learn more about visiting and living in Germany.

Unit 2

The focus for this unit is ‘ein goldener Mittelweg’. It is aimed at students who are ready to develop their skills to a higher level. Students will explore issues and events associated with finding a balance between different aspects of their lives and comparing this with issues and events in the lives of those in German-speaking countries.

Assessments:

Students will have regular assessments. All assessments will be held during class periods. Weightings are as follows:

- Oral 20%
- Listening 15%
- Viewing and Reading 15%
- Writing 20%
- Exam – Oral 10%
- Exam – Written 20%

Notional Course Charge: \$50.00



**JAPANESE: SECOND LANGUAGE - ATAR
A1JSL/A2JSL**

Prerequisite: C in Japanese in Year 10. New students wishing to enrol in this course need to be interviewed by the teacher of Japanese. This course is only available to students who are deemed to be non-background candidates by SCSA. Students need to complete an eligibility form.

The Japanese: Second Language course consists of 4 units – Units 1,2 in Year 11 and Units 3,4 in Year 12. Throughout the course, communication is paramount. This involves the ability to comprehend, interpret and produce visual, spoken and written texts. The course has 4 outcomes: listening and responding, spoken interaction, viewing, reading and responding, and writing.

Unit 1

The focus for this unit is 'home-stay'. This unit explores host family profiles, networking with new friends, making arrangements, gift-giving and celebrations, and discussing typical rules and routines of home and school life. In order to do this, students will explore intercultural aspects needed to arrange and prepare for home-stay.

Unit 2

The focus for this unit is 'Welcome to my country!' In this unit, students will explore situations and events associated with welcoming visitors to Australia.

Typical issues that arise when having someone to stay include staying fit and healthy, leaving notes and messages, going out and about with a visitor sharing a meal at home, eating out and organising outings.

Assessments:

Students have regular assessments. All assessments will be held during class periods. Weightings are as follows:

- Oral Communication 20%
- Response (Listening) 15%
- Response (Viewing and Reading) 20%
- Writing 15%
- Exam – Oral 5%
- Exam – Written 25%

Notional Course Charge: \$50.00



MATHEMATICS

Year 11 Maths Courses 2015

MATHEMATICS ESSENTIAL - GENERAL G1MAE/G2MAE

Prerequisite: nil

Mathematics Essential is a General course which focuses on using mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course provides the opportunity for students to prepare for post-school options of employment and further training.

Unit 1 provides students with the skills and understanding to solve problems relating to calculations, use of formulas, measurement and interpretation of graphs. Contexts include Earning and Managing Money and Nutrition and Health.

Unit 2 is concerned with representing and comparing data, percentages, rates and ratios, and time and motion. Contexts are Transport and Independent living.

Notional Course Charge: \$32.00

MATHEMATICS APPLICATIONS - (ATAR) A1MAA/A2MAA

Prerequisite: C grade in Year 10 Mathematics

Mathematics Applications is an ATAR course which focuses on the use of mathematics to solve problems in contexts that involve financial modelling, geometric and trigonometric analysis, graphical and network analysis, and growth and decay in sequences. It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering questions that involve analysing univariate and bivariate data, including time series data.

Unit 1 involves consumer arithmetic, reviews concepts of rate and percentage change in the context of earning and managing money and using spread sheets. Students will use algebra and matrices in real life contexts. Shape and measurement involves concept of similarity and involves calculations with simple and compound geometric shapes.

Unit 2 examines univariate data analysis and statistical investigations will develop students' ability to summarise univariate data. Students examine applications of trigonometry to solve non-right angled triangles in both two and three dimensions, elevation, depression and bearings in navigation. This unit includes Linear equations and their graphs, as well as linear-piecewise and step graphs to model practical situations.

Notional Course Charge: \$32.00

MATHEMATICS METHODS - (ATAR) A1MAM/A2MAM

Prerequisite: B grade in Year 10 Mathematics

Mathematical Methods is an ATAR course which focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world and includes use of functions, their derivatives and integrals in modelling physical processes. The study of statistics develops students' ability to describe and analyse phenomena that involve uncertainty and variation.

Unit 1 involves key concepts of a function and its graph. It includes the study of probability and statistics with the introduction of conditional probability and independence. Students will examine the study of trigonometric functions beginning with the unit circle and the trigonometry of triangles and its applications, degrees and radians.

Unit 2 introduces exponential functions and their properties and graphs. Arithmetic and geometric sequences are examined with recursive definitions applied. Rates and average rates of change are introduced followed by the concept of derivative as an instantaneous rate of change. This first calculus topic concludes with derivatives of polynomial functions, sketching and calculating slopes and equations of tangents, determine velocities and solve optimisation problems.

Notional Course Charge: \$32.00

MATHEMATICS SPECIALIST - (ATAR) A1MAS/A2MAS

Prerequisite: B grade in Year 10 Mathematics and must enrol in Mathematical Methods Units 1 & 2.

(Recommended A grade in Year 10 Mathematics)
Mathematics Specialist is an ATAR course which **must** be selected in conjunction with Mathematical Methods. The Specialist course provides opportunities beyond those presented in Methods course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively.

The course contains topics in functions and calculus that build on and deepen the ideas presented in Methods course. The Specialist course extends understanding of statistics and introduces the topics of vectors, complex numbers and matrices.

Unit 1 involves developing mathematical arguments, Euclidean Geometry, vectors and complex numbers. The topic Combinatorics provides techniques that are useful in many areas of mathematics, including probability and algebra. The topic Vectors in the Plane provides perspectives on working in two dimensions.

Unit 2, Matrices provide new perspectives in two-dimensional space and Real and Complex Numbers provides a continuation of the study of numbers.

The topic Trigonometry contains techniques used in Methods. All topics develop students' abilities to construct mathematical arguments. The technique of proof by the principle of mathematical induction is introduced.

Notional Course Charge: \$32.00

Year 11 Assessment

ESSENTIAL (General)

Response (Tests)	50%
Investigations (Practical applications)	50%

ATAR Applications/Methods/Specialist

Response (Tests)	40%
Investigations	20%
Exams	40%



SCIENCE

Biological Sciences

BIOLOGY - ATAR A1BIO/A2BIO

Prerequisite: 55% in the Biology exam.

Biology is the study of the fascinating diversity of life as it has developed and as it interacts and functions. It involves the use of science processes to investigate and answer questions about the living world. Our biological knowledge is continually refined in the light of new evidence. This knowledge enables informed decision-making on matters that will influence the wellbeing of all organisms, the biosphere and ultimately the human species itself.

In the Biology course students will be involved in research about biology that develops a variety of science skills. This research will emphasise the testing of hypotheses and the importance of evidence in forming conclusions.

Field work is an important part of this course as it provides students with a valuable opportunity to collect first hand data and interact with local ecosystems.

The course will help develop students' ability to communicate understandings in a variety of ways.

A strong interest in biology will enable students to pursue further studies in marine biology, biotechnology, botany, agriculture, veterinary science, environmental science and zoology; and the related fields of forensic science, landscape gardening, horticulture and medicine.

In 2015 the Biology course will cover:

Unit 1:

Ecosystems and biodiversity – students investigate ecosystem dynamics, including interactions between and within species and between components of the ecosystem.

Unit 2:

From single cells to multicellular organisms – students examine the structure and function of plant and animals cells and systems.

Assessments:

- Major tests
- Major assignments
- Laboratory skills
- Investigations /Reports/ Field work
- Exams

Notional Course Charge: \$45.00

HUMAN BIOLOGY - ATAR A1HBY/A2HBY

Prerequisite: 55% in Biology exam.

Human Biology covers a wide range of ideas relating to many aspects of the functioning human. In this course students will learn about the structure and functions the body can perform. Students will learn how the regulation of the body systems allows survival in a changing environment.

Students will learn of new discoveries that are increasing the understanding of human variations. Students will also learn of the causes of dysfunction, and of new treatments and preventative measures.

Students will revisit genetics and learn of molecular genetics to allow evaluation of the impact of new biotechnological processes on individuals and society. Population genetics will be explored to highlight the longer-term changes leading to natural selection within and evolution of the human species.

There is a strong emphasis on practical investigations that will encourage critical thinking, the evaluation of evidence, problem-solving and communication of understandings in scientific ways.

An understanding of Human Biology will assist students to make lifestyle decisions for everyday life and will be valuable for a variety of possible career paths. The course content deals directly and indirectly with many different occupations in fields such as science education, medical and paramedical fields, food and hospitality, childcare, sport and social work.

In 2015 the Human Biology course will cover:

Unit 1:

The functioning body – students examine how human structure and function supports cellular metabolism and how life style choices affect body functioning.

Unit 2:

Reproduction and inheritance – students investigate the mechanisms of transmission of genetic materials to the next generation and the role of reproduction.

Assessments:

- Major tests
- Major assignments
- Investigation report
- Exams

Notional Course Charge: \$45.00

Physical Sciences

CHEMISTRY - ATAR A1CHE/A2CHE

Prerequisite: 65% in the Semester 1 Chemistry exam.

Chemistry, the study of matter and its interactions, is an indispensable human activity that has contributed essential knowledge and understanding of the world around us. The significant achievements of chemistry stretch across every facet of our lives.

The Chemistry course equips students with a knowledge and understanding of chemistry to enable them to appreciate the natural and built environment, its materials, and interactions between them. The course helps students to predict chemical effects, recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. This enables students to confidently and responsibly use the range of materials and substances available to them.

The Chemistry course provides opportunities for students to investigate properties and reactions of matter within a developing theoretical framework, enabling them to recommend applications and possible future uses, and hazards, of materials. Students learn how to solve problems, both qualitative and quantitative, apply concepts and theories to new situations and communicate their understandings through equations, essays and short answers.

The course enables students to relate chemistry to other sciences including biology, physics, geology, medicine, molecular biology and agriculture, and to take advantage of vocational opportunities that arise through its application in biological, environmental and industrial processes.

The Chemistry course is designed to facilitate the achievement of five outcomes.

- Investigating in chemistry (practical work);
- Structure, properties and uses of materials (atomic structure and bonding);
- Interaction and change (chemical reactions);
- Problem-solving (chemical calculations); and
- Chemistry in action (biological, environmental and industrial applications).

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

Assessments:

- Laboratory assessments
- Major tests before school (period 0)
- Major open investigations
- Semester examinations

Notional Course Charge: \$45.00

PHYSICS - ATAR A1PHY/A2PHY

Prerequisite: 65% in the Semester 1 Science Physics exam: B grade in Mathematics.

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 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 machines and electronic devices, why different materials are used in heating and cooling systems and how radioactivity is used in industrial situations.

The course is divided into four areas:

- Working in physics (practical work);
- Forces and movement (mechanics);
- Electricity and magnetism; and
- Particles (heat and nuclear energy).

This course also provides prerequisite, preferred or highly desirable knowledge and skills for many science, engineering and science-related courses such as medical imaging, physiotherapy and aviation at tertiary institutions.

Assessments:

- laboratory Reports
- Major tests
- Semester examinations
- Major investigation

Notional Course Charge: \$45.00



PSYCHOLOGY – ATAR A1PSY /A2PSY

Prerequisite: 60% in the Semester 1 English exam.

Psychology is the scientific study of how people think, feel and act. It aims to answer important questions such as what factors influence human development.

This course introduces students to a breadth of knowledge focusing on the psychology of self and others. Psychological knowledge helps us understand factors relating to individuals, such as: cognition, or the way we think; biological bases of behaviour; and personality, the enduring traits that distinguish individuals. Psychological knowledge also helps us understand the way that individuals function within groups. This consists of knowledge associated with socialisation, moral development, the formation of attitudes and also how people relate and communicate. On a larger scale, psychological knowledge can help us to understand how individuals function within different contexts and how this is influenced by culture, shaping people's values, attitudes and beliefs. This course is designed to integrate the understanding of scientific principles, the acquisition of psychological knowledge and the application of both in an enjoyable and contemporary way.

The study of psychology is highly relevant to further studies in the health professions; education, human resources, social sciences, sales, media and marketing and management.

Assessments:

- Investigations
- Response
- Project
- Examination

Notional Course Charge: \$45.00



INTEGRATED SCIENCE – GENERAL G1ISC/G1ISC

Prerequisite: Nil

The Integrated Science General course is a course grounded in the belief that science is, in essence, a practical activity. From this stems the view that conceptual understandings in science derive from a need to find solutions to real problems in the first instance. The inquiring scientist may then take these understandings and apply them in a new context, often quite removed from their original field.

This course seeks to reflect this creative element of science as inquiry. It should involve students in research that develops a variety of skills, including the use of appropriate technology, an array of diverse methods of investigation, and a sense of the practical application of the domain. It emphasises formulating and testing hypotheses and the critical importance of evidence in forming conclusions.

This course enables students to investigate science issues in the context of the world around them, and encourages student collaboration and cooperation with community members employed in scientific pursuits. It requires them to be creative, intellectually honest, to evaluate arguments with scepticism, and to conduct their investigations in ways that are ethical, fair and respectful of others.

The Integrated Science General course aims to be attractive to students with a wide variety of backgrounds, interests and career aspirations.

Assessments:

- Science Inquiry: Practical and Investigation
- Extended Response
- Test

Notional Course Charge: \$45.00

Certificate II Sampling and Measurement MSL20109

Prerequisites: Nil

2-Year Course

This certificate allows students to develop an understanding of the principles and procedures used in the operation of technical laboratories in industry. It is aimed at students who are interested in a career in either medical or mining situations; particularly as a laboratory technician.

This Certificate II course contains units of competency in the practical and theory aspects of sampling and measurement.. This qualification allows learners to develop the creative and technical skills that underpin this important field of Science.

The course aims to help students achieve employability skills in the areas of planning, communication, teamwork, problem-solving, self-management, initiative, utilising equipment and simple machinery. Students will become aware of basic safe practises as apply to the operation of laboratories.

Upon successful completion of this course students will be awarded a Certificate II that may be used to enhance their job opportunities or as a pre-requisite for further studies.

Assessments:

As a Certificate course a number of competencies are assessed. In this course there are 4 core and 4 elective competencies. Assessment tasks will include practical work, research and evaluation based tasks specific to the laboratory projects undertaken.

Notional Course Charge: \$75.00



TECHNOLOGY AND ENTERPRISE

The Technology and Enterprise Learning Area offers students a range of courses in Information Technology, Design and Technology and Home Economics.

Information Technology.

Students have a choice of three pathways; each pathway is a blend of new visual and creative arts units and hands-on practical ICT skills and know-how.

For those of you who want to be hands-on, IT tech-heads, the Certificate II Information, Digital Media and Technology option is also here for you.

Radio Rossmoyne Certificate II in Creative Industries (Media) CUF20103 Context: Live Production.

Prerequisite: Nil.

2-Year Course

Radio Rossmoyne combines live music production, DJ workshops and recording studio skills with vocal development and technical knowledge.

You will run our Intranet radio station; recording, interviewing and cueing up daily broadcasts. You will record and studio mix musicians, vocalists and bands, co-ordinate our DJ "Battle of the Beats" competition and run our regular competitions and gigs, and of course, become expert (AKA Radio Rossmoyne roadie) at hooking up all of our industrial PA gear.

Radio Rossmoyne is Certificate II in Creative Industries (Media) live production

CUESOU07B	Apply a general knowledge of audio to work activities
CUFSSOU204A	Perform basic sound editing
CUFAIR201A	Develop techniques for presenting information on radio
CUFRES201A	Collect and organise content for broadcast or publication
CUFIND201A	Develop and apply creative arts industry knowledge
BSBCRT101A	Apply critical thinking techniques
BSBOHS201A	Participate in OSH processes
BSBWOR203A	Work effectively with others

Assessments:

This Certificate course will use a combination of assessment methods and tools including workplace simulations, observation, hands-on practical activities and theory.

Notional Course Charge: \$86.00

Hyper-Activ

Certificate II in Creative Industries (Media)

CUF20107

Context: Interactive Media

Prerequisite: Nil.

2-Year Course

Hyper-Activ combines the areas of animation, website, interactive media, mobile media, video and gaming with key knowledge and skills from the creative arts industry. It is a course that teaches you web design, administration and maintenance.

You will use industry standard software to develop your web design skills. You will create your own short animated films, personalised graphics, Flash games, as well as gain an insight into the life of a web designer when you create websites for Radio Rossmoyne's bands, gigs and competitions.

BSBDES201A	Follow a design process
CULLB307C	Use Multimedia
CUFDIG201A	Maintain interactive content
ICPMM321B	Capture a digital image
CUFIND201A	Develop and apply creative arts industry knowledge
BSBCRT101A	Apply critical thinking techniques
BSBOHS201A	Participate in OSH processes
BSBWOR203A	Work effectively with others

Assessments:

Assessments:

This Certificate course will use a combination of assessment methods and tools including workplace simulations, observation, hands-on practical activities and theory.

Notional Course Charge: \$86.00

Graphics Guru

Certificate II in Visual Arts (Graphic Design and Digital Media)

ICA20111

Prerequisite: Nil.

2-Year Course

Graphics Guru borrows skills and knowledge from the Visual Arts fields and mixes them with core ICT and design skills. If you are interested in Graphic design, digital design and know how to turn on a computer, then this pathway is for you.

You will use industry standard software to develop your graphic design and design skills. From developing basic drawing techniques to applying critical thinking skills you will progress through a variety of design processes. You will produce digital imagery suitable for publication in print and online, designing for clients and be guided by critics as you develop your own arts practices.

BSBDES201A	Follow a design process
CUVPRP201A	Make simple creative work
CUVACD101A	Use basic drawing techniques
CUVDIG201A	Develop digital imaging skills
DIG202A	Develop video art skills
ICAICT204A	Operate a digital media technology package
CUVRES201A	Source and use information relevant to own arts practice
BSBDES202A	Evaluate the nature of design in a specific industry context
BSBOHS201A	Participate in OSH processes

Assessments:

This Certificate course will use a combination of assessment methods and tools including workplace simulations, observation, hands-on practical activities and theory.

Notional Course Charge: \$86.00

Certificate II in Information, Digital Media and Technology
1CA2011

Prerequisite: Nil.

2-Year Course

This exciting and versatile IT qualification will provide you with the foundation skills and knowledge to apply information and communication technology (ICT) in any given industry. It provides you with a comprehensive basis for digital literacy skills to support a wide range of varying industry occupations.

You will have the opportunity to prepare and produce high quality digital images from capturing, to editing images using digital media technology packages such as the Adobe Suite, including Photoshop, Flash, Dreamweaver and Premier. You will participate in environmentally sustainable work practices using computer operation systems and hardware. You will operate and apply software and use social media tools for collaboration and engagement.

You will have the hand-on opportunity to build pocket PC's using the innovative Arduino and Raspberry Pi systems and install software applications. You will become well equipped with the skills and knowledge to maximizing your home computer – make it run faster and game better! You will learn the skills to be able to detect and protect from spam and destructive software. Finally, you will work and communicate effectively in an IT environment.

Assessments:

This Certificate course will use a combination of assessment methods and tools including workplace simulations, observation, hands-on practical activities and theory.

Notional Course Charge: \$86.00

APPLIED INFORMATION TECHNOLOGY - GENERAL
G1AIT/G2AIT

Prerequisite: Nil.

Students enrolling in AIT General will focus on the application of computer technologies to living in the community and working in industry and business environments. They will study the impact on workplaces, individuals and society. This course provides opportunities for students to develop knowledge and skills relevant to the use of ICT to meet everyday challenges. Students consider a variety of computer applications for use in their own lives, business and the wider community.

An integral aspect of the course is the opportunity to address vocational competencies, leading to the possibility of a range of VET accreditation, thereby contributing to the international employability of students.

Assessments:

This General course will include research, short answer responses to digital products and trends, and extended answer responses.

Notional Course Charge: \$66.00

Design and Technology
MATERIALS DESIGN TECHNOLOGY (METAL)
GENERAL
G1MDTM/G2MDTM

Prerequisite: Nil.

The Materials Design and Technology General course is a practical course. Students will work with metal. They will design and manufacture products as the major focus of the course. Students have the opportunity to develop and practise skills that contribute to creating a physical product, while acquiring an appreciation of the application of a design process, and an understanding of the need for materials sustainability. Students will learn and practise manufacturing processes and technologies, including principles of design, planning and management.

Assessments:

Assessments for this course will be based on:
Class-made project work;
Investigations; and
A portfolio.

Notional Course Charge: \$100.00

ENGINEERING STUDIES (Mechanical) - ATAR
A1EST/A2EST

Prerequisite: Students must be enrolled in A1MAM and A1PHY.

Students wanting to study engineering at university or who are interested in a higher level of engineering should choose Engineering Studies A1EST/A2EST.

Students will explore Systems, Structures, Products and Machines that have greatly influenced and shaped to improve the quality of life today. Students will prototype engineer models using 3D modelling software to assist in designing solutions while considering ergonomic and societal influences from both a market and historical perspective.

Assessments:

Assessments for this course will be based on:

- Class-made project work.
- Investigations and
- A portfolio.
- A written examination at the completion of each unit.

Notional Course Charge: \$100.00



**MATERIALS DESIGN TECHNOLOGY (WOOD) - GENERAL
G1MDTW/G2MDTW**

Prerequisite: Nil, however a Lower School Design & Technology course will be an advantage.

Unit 1A

Are you creative? Would you like to be?
Are you good at making things? Would you like to be?
If you answered yes to any of these questions then MDT Wood is for you.

In this course you will have the opportunity and training to develop creative designs that reflect your individual style.

You will use hand tools, power tools and machines to turn your creation into reality. Saws, Lathes, sanders, routers, drills are all at your disposal. You will learn how to safely and efficiently manipulate materials to turn your sketches into something you can be proud of for many years to come.

In addition you will gain an insight into life in a workshop, learn about Occupation Safety and Health issues and develop skills that you will use for the rest of your life.

Unit 1B

The focus for this unit is design for the consumer. Students have had many experiences interacting with products designed for the consumer market.

In 1B you will expand your knowledge, skill and creativity. If you think you can't do something because you don't have the time – well now you will. Students in this course have the opportunity to create a unique clock time piece. Your clock may be free standing or wall mounted hands or insert.

Assessments:

Assessments for this course will be based on:

- Class-made project work.
- Investigations and
- A portfolio.

Notional Course Charge: \$100.00

Home Economics

FOODS

In Year 11 students wishing to study Foods have 2 pathways. If they are ATAR bound they may study FST in Year 11 and in Year 12. Alternatively Pathway Two is for students who may be interested in Hospitality with possible employment in the food industry. They will complete Certificate II in Hospitality.

Career Possibilities

These courses are designed for those students who have an interest in food and/or in the hospitality industry, health promotion and product development

Certificate II in Hospitality

Prerequisite: Nil

2 Year

The focus of this certificate course is to develop skills in the hospitality industry. This course will be explored through cooking lessons that will allow you to make a variety of interesting dishes. The emphasis is on serving customers and you will do this through the Rossmoyne Café Tastebuds in Room 36.

Assessments:

As a certificate course a number of competencies are assessed. There are 6 core and 6 elective competencies. Assessment tasks will include practical work, research and evaluation tasks specific to the hospitality industry.

Units covered

BSBWOR203B	Work Effectively with Others
SITHIND202	Use hospitality skills effectively
SITXCCS202	Interact with customers
SITHIND201	Source and use information on the hospitality industry
SITXCOM201	Show social and cultural sensitivity
SITXWHS101	Participate in safe work practices
SITFAB201	Provide responsible service of alcohol
SITHPAT301	Cake Making
SITXFSA101	Use hygienic practices for food safety
SITHFAB203	Prepare and serve non alcoholic beverages
SITFAB204	Prepare and serve espresso coffee
SITXCCS303	Provide service to customers

Students enrolling in these courses will be expected to work out of hours when catering for special school functions.

Notional Course Charge: \$206.00

**FOOD SCIENCE AND TECHNOLOGY -ATAR
A1FST/A2FST**

Prerequisite: English B grade

This vibrant course is filled with cooking experiences to develop excellent practical skills. Food impacts on every aspect of daily life and is essential for maintaining overall health and wellbeing. The application of science and technology plays an important role in understanding how the properties of food are used to meet the needs of consumers and producers.

In the Food Science and Technology ATAR course, students explore innovations in science and technology and changing consumer demands. New and emerging foods have encouraged the design, development and marketing of a range of products, services and systems. Students investigate food issues and advertising strategies used to promote food products. They examine influences on the supply of food for the world's population and explore issues associated with food security, equity and sustainability.

This course enables students to develop their interests and skills through the design, production and management of food-related tasks. They develop knowledge of the sensory, physical, chemical and functional properties of food and apply these in practical situations.

Food and allied health sectors represent a robust and expanding area of the Australian and global employment markets. The Food Science and Technology ATAR course enables students to connect with further education and training, university and employment pathways. .A feast of learning.

Assessments:

Investigation	30%	
Production Analyse		20%
Response		20%
Examination		30%

Notional Course Charge: \$246.00

**Certificate II Applied Fashion Design and
Technology (Textiles)
LMT21707**

Prerequisite: Nil.

2-Year Course

The emphasis of this course is on practical sewing. Students will be introduced to a range of production techniques and advanced equipment. Besides developing skills, students will generate plans and create their design ideas through the production of simple bags, cushions, fashion garments and accessories for themselves and others. This process enables students to have a greater understanding of the fashion and design industry including current trends in sustainability and mastery of innovative techniques to create unique garments that set the latest fashion trends.

Assessments:

As a Certificate course a number of competencies are assessed. In this course there are 7 core and 4 elective competencies. Assessment tasks will include practical work, design and evaluation based tasks specific to the fashion design industry.

**Certificate II Community Services (Children's
Services)
CHC20112**

Prerequisite: Nil

2-Year Course

This course will allow students to become familiar with caring for children. Factors that affect the child's development will be explored through practical activities with children with an emphasis on health and safety, play and learning. This will enable students to gain positive understandings of young children's growth and development.

Assessments:

As a Certificate course a number of competencies are assessed. In this course there are 5 core and 6 elective competencies. Assessment tasks will include practical work, research and evaluation based tasks specific to community services with a focus on children.

Notional Course Charge: \$100.00

VOCATIONAL EDUCATION AND TRAINING (VET)

CERTIFICATE PATHWAYS PROGRAM (CPP) – formerly TAFE Link

There are several different courses available for Year 11 and 12 students at Rossmoyne SHS. Different training providers offer 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. Students must be mature and responsible enough to work independently in both the workplace and Training WA colleges.

It is envisaged that students enrolled in Certificate Pathways courses in 2015 will study four (4) courses at school; English, Mathematics or Applied Information Technology, Career and Enterprise (compulsory) plus 2 options, complete a day with a training provider and a day in the workforce. The Certificate at the Training WA college and the day at work (Workplace Learning) are SCSA accredited and will count towards graduation. Like all other Year 11 students, CPP students will complete 12 course units or the equivalent in Year 11.

Many ATAR students are also taking a Certificate at a TAFE campus one day a week to add value to their school work. Following an interview with the Associate Principal, these students may be able to reduce their workload as a successfully completed certificate counts as a course equivalent towards graduation.

A Certificate IV has an ATAR equivalent of 70 and a Diploma 80+.

Students applying for the program need to be aware that places are limited and that they may need to attend an interview with the VET Coordinator in the presence of a parent before being considered as suitable for the program. This program offers students a head start into Training WA colleges, apprenticeships and employment and provides them with the opportunity to gain both a nationally recognised training qualification and secondary graduation (WACE) at the same time. CPP also offers Certificate IV Courses suitable for bridging to university.

The course studied at the Training WA institution is equivalent to at least one course at school and includes Units of Competency from the relevant Training Package. Students can complete Workplace Learning that counts as another course at school.

SCHOOL BASED TRAINEESHIP (SBT)

Students will be placed in a range of industries. Students complete a Certificate II in a chosen area, are placed in a work environment two days per week and are paid for their work.

Students complete 4 courses at school with their Certificate and Workplace Learning (WPL) counting as graduation courses. As students are paid employees, these are harder to source and hence fewer areas are available.

Some students do not attend a Training WA college and complete their Certificate II through their employer's trainer. Students need to commit to completing Year 12 although some are offered full time employment earlier. This is usually offered to Year 12's who have completed CPP in Year 11.

PROFILE HOURS

In the past, students have attended a Training WA college for one day each week to complete Certificate I, II, III or IV studies in areas such as Beauty, Building and Construction, Business, Child Care, Design, Horticulture, Information Technology, Logistics, Marine Operations (fishing, aquaculture), Plant Processing (oil and gas), Teacher Assistant, Tourism, Transport and Visual Arts. Many more courses are available and courses change each year.

In Year 12 these students may complete a Certificate II or III which will find them well-placed for entry to Training WA colleges or to Apprenticeships in the following year. Others look at portfolio entry to university.

The availability of these classes is dependent on what Polytechnic, Challenger and Central Training WA colleges can offer Rossmoyne SHS on a yearly basis. The school will seek funding in the areas of greatest demand. Students will be informed about what they can apply for under the heading of Profile Hours.

WORKPLACE LEARNING (WPL)

1AWPL/1BWPL

1CWPL/1DWPL

Prerequisite: Students must be enrolled in Career and Enterprise or a VET in Schools Program and then apply to do Workplace Learning through the WPL Coordinator.

Workplace Learning (WPL) gives the student the opportunity to gain experience in the workplace over an extended period of time. Students may go to the workplace one day a week if they are in the Certificate Pathways Program. Alternatively, they will complete work placement during the school exam periods. Students need to complete a minimum of 100 hours in the workplace if not doing the Certificate Pathways Program.

WPL is a seventh course. It will be used on the Statement of Results and will contribute to Secondary Graduation. Successful completion of WPL will gain additional credit points for entry to Training WA colleges.

The theory of WPL will be completed as part of the Career and Enterprise course.

This includes:

- Investigating career opportunities.
- Induction to workplace practices.
- Development of employability skills.
- Development of interview skills.

The practical component will occur in the workplace. Students who did not complete WPL in Year 11 may enrol in this course in Year 12.

Assessments:

Assessment tasks and employer feedback. A WPL certificate is a valuable addition to a student's portfolio and recognised by employers and Training WA colleges.

Notional Course Charge: \$30.00

Work Experience

Students wishing to enrol in Work Experience (usually ATAR students) **MUST** be enrolled in Career and Enterprise. Students are not to organize a placement (eg in a Hospital, Dentist etc) without seeing the Workplace Learning Coordinator first.



BUSH RANGERS WESTERN AUSTRALIA

Bush Rangers Western Australia

The Bush Ranger course offered at Rossmoyne SHS is designed to encourage an active interest in understanding and taking action on environmental issues. The Unit meets weekly on Thursdays from 3.15pm to 5.15pm.

Bush Rangers Levels 1, 2 and 3 are SCSA Endorsed Programs.

The program has four main components:

Practical conservation: encourages teamwork, leadership, self-confidence and responsibility

Theory: develops knowledge of conservation techniques

Community service: creates a sense of value in contributing to society

Vocational training: teaches skills useful in many workplaces

Bush Rangers is part of the Cadets WA program.

Assessment:

Bushrangers are required to produce a log book which illustrates their knowledge and participation in both the theoretical and practical components.



FINANCIAL ASSISTANCE

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 that allow the school to maintain excellent standards, is high. Where possible, the costs are similar to 2013

Printing Resource Charge

The cost of printing student work on the 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 subjects can expect to use more resources and hence the initial amount will be consumed quicker. This will be subject to the same conditions as above.

Notice of Contributions and Charges and Personal Items List

Each student will receive a Contributions and Charges sheet and a Personal items List at the end of 2014 detailing the individual's costs for 2015.

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 132468 or visit www.humanservices.gov.au/customer/services/centrelink/youth-allowance

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 6107

Scholarships

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

Department of Education – Student Services
<http://www.det.wa.edu.au/inclusiveeducation/detcms/navigation/community-relations/scholarships>

Student Services, Department of Education, 151 Royal Street, EAST PERTH 6000
Telephone 08 9264 5341

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).

Eligibility is for students whose birth date is on or after January 1 1996, and include students who turn 18 during the school year.

For more information, contact Schools Resourcing and Support Branch, Department of Education, 151 Royal Street, East Perth, WA 6004.
Telephone: 08 9264 4773 Fax: 08 9264 5162

UNIVERSITIES

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

The school liaison offices are:

Curtin University

Prospective Students Office 08 9266 1000
www.futurestudents@curtin.edu.au or 1300cu1000

Edith Cowan University

Students Recruitment 134 328
www.futurestudy@ecu.edu.au

Murdoch University

Prospective Student Centre 1300 687 3624
www.study@murdoch.edu.au

University of WA

Prospective Student Advisors 08 6488 2477
www.studyat.uwa.edu.au
www.uwa.edu.au/askuwa

University of Notre Dame

Prospective Student Advisors 08 9433 0533
 Freecall 1800 640 500
<http://www.nd.edu.au/nav-future-students/careers,-advisors-and-teachers>

TAFE

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

- **Central Institute of Technology** .1300 300822
 (East Perth, Leederville, Mt Lawley & Northbridge) (Follow the prompts – www.central.wa.edu.au)
- **Polytechnic West**
 Course Information Centre.....08 9267 7500
 (Covers Thornlie, Carlisle, Balga, Armadale, Midland & Bentley)
www.info.centre@polytechnic.wa.edu.au
- **Challenger Institute of Technology**
 Course Information Centre.....08 9239 8189
 (Beaconsfield, Murdoch, Maritime Centre, Rockingham & Peel)
www.challenger.wa.edu.au
- **West Coast Institute of Training**
 Joondalup.....1300 134881
 (Follow the prompts)
www.wcit.wa.edu.au

TAFE Handbook on line

www.training.wa.gov.au
www.tasonline.tafe.wa.edu.au
 (go to skills calculator)

Career Information Centre

2nd Floor, City Central Building, 166 Murray Street Mall, Perth (rear Myers)
 Telephone: 132398
 Fax: 08 9224 6500
 Email: career.centre@dtwd.wa.gov.au

Open: Monday to Friday 9.00 am to 4.30 pm

The centre provides detailed information about careers and courses including booklets, leaflets, folders, videos, CDs 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.

Careers

Job search and career related sites:

www.myfuture.edu.au
www.jobsearch.gov.au
www.youth.gov.au
 (Information for school leavers includes links to many good sites)

www.getaccess.wa.gov.au
 (Career information service)

www.workplace.gov.au
www.fairwork.gov.au
www.centrelink.gov.au
 (Range of services /payments to students/job opportunities)

The Job Guide online

www.jobsguide.deewr.gov.au
 (Includes links to other careers sites)

www.graduatecareers.com.au
 (Employment opportunities for graduates)

WA Department of Training & Workforce Development

www.det.wa.edu.au/training
(Training opportunities in WA)

Education

School Curriculum & Standards Authority
(formerly Curriculum Council of WA)
www.scsa.wa.edu.au
info@scsa.wa.edu.au

Tertiary Institutions Service Centre
www.tisc.edu.au

(This site also provides links to the Tertiary Institution Service Centres and universities in the other states of Australia.)

www.thegoodguides.com.au
(A site that rates Australian Universities and outlines their facilities/courses)

Department of Education – Student Services
<http://www.det.wa.edu.au/inclusiveeducation/detcms/navigation/assigned-category.jsp?assignedCategoryID=213421>

Defence Force Recruiting Centre

Level 7, 66 St George's Terrace, Perth 6000
Careers Information: 131901
Internet Address: www.defencejobs.gov.au
Take link to Careers Explorer that 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. Telephone 131901 – to register details

Australian Apprenticeships

To find a new apprenticeships Centre in your region
133 873
www.australianapprenticeships.gov.au



A			
ACCOUNTING & FINANCE	30	HISTORY (MODERN).....	32
Appendix 1.....	53	HUMAN BIOLOGICAL SCIENCE	40
Appendix 2.....	54	I	
ART (see VISUAL ARTS).....	22	INFORMATION TECHNOLOGY.....	44
		INTEGRATED SCIENCE	42
B		J	
BIOLOGICAL SCIENCES.....	40	JAPANESE: SECOND LANGUAGE.....	37
BUSH RANGERS	52	JOB GUIDE.....	54
C		L	
CAREER AND ENTERPRISE	23	List A and List B	5
Career Information Centre	54	Literacy Requirement.....	5
Certificate II in Business	30	LITERATURE.....	26
Certificate II in Creative Industries (Radio Rossmoyne).....	44	M	
Certificate II in Creative Industries (Hyper-Activ).....	45	MATERIALS DESIGN & TEC (Metal).....	47
Certificate II in Information, Digital Media & Technology	46	MATERIALS DESIGN & TEC (Wood)	48
Certificate II in Dance	18	MATHEMATICS	38
Certificate II in Graphic Design, Digital Media	45	MEDIA PRODUCTION & ANALYSIS	20
Certificate II in Live Production (Drama).....	19	MUSIC.....	21
Certificate II in Visual Arts (Arts).....	20	MUSIC (Endorsed Unit)	21
Certificate II in Visual Arts (Media)	20	N	
Certificate II in Visual Arts (Photography).....	22	Notice of contributions & charges / booklists ...	55
Certificate II in Applied Fashion Design & Tec	49	Numeracy requirement	5
Certificate II in Community Services	49	O	
Certificate II in Hospitality	48	OUTDOOR RECREATION.....	29
Certificate II in Sport & Recreation	29	P	
Certificate II in Outdoor Recreation	29	PHYSICAL EDUCATION STUDIES	27
Changing Selections.....	11	PHOTOGRAPHY (Visual Arts)	22
CHEMISTRY.....	41	PHYSICS	41
CHINESE: BACKGROUND SPEAKERS	35	POLITICS and LAW.....	33
CHINESE: FIRST LANGUAGE	34	Prerequisites for course units	11
CHINESE: SECOND LANGUAGE	35	Printing Resource Charge.....	53
Competence in English.....	8	R	
Competency Based Assessment.....	10	Refunds.....	53
Course Descriptions Year 11 2015:.....	16	S	
D		Scholarships.....	53
DANCE	17	SCHOOL-BASED TRAINEESHIPS	50
Defence Force Recruiting Centre	55	Secondary Assistance Scheme	53
DRAMA	19	Secondary Graduation	5
E		T	
ECONOMICS.....	31	Tertiary Entrance	8
ENGINEERING STUDIES	47	Training WA (TAFE) Entrance	9
ENGLISH	25	U	
ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT.....	26	Universities and TAFE Colleges (Contact).....	54
Enrolling at Rossmoyne SHS	11	V	
F		VET (Vocational Education and Training).....	9
Financial Assistance	53	VISUAL ARTS	22
FOOD SCIENCE & TECHNOLOGY.....	49	Volleyball.....	28
Formation of Classes.....	11	W	
FRENCH	38	WACE	5
G		WORKPLACE LEARNING.....	10
GEOGRAPHY.....	31	Y	
GERMAN	36	Youth Allowance	53
H			
HEALTH STUDIES	27		