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# Year 10 Course Overview

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<tbody>
<tr>
<td>English</td>
<td>4 hours/week</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 hours/week</td>
</tr>
<tr>
<td>Science</td>
<td>4 hours/week</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>4 hours/week</td>
</tr>
<tr>
<td>Physical Education (or Specialist Tennis)</td>
<td>2 hours/week</td>
</tr>
<tr>
<td>Health Education</td>
<td>1 hour/week</td>
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**Total Compulsory Subjects**: 19 hours

<table>
<thead>
<tr>
<th>Learning Area</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>The Arts</td>
<td>6 hours per week</td>
</tr>
<tr>
<td>Career &amp; Vocational Education</td>
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<tr>
<td>Health &amp; Physical Education</td>
<td></td>
</tr>
<tr>
<td>Languages</td>
<td></td>
</tr>
<tr>
<td>Technology &amp; Enterprise</td>
<td></td>
</tr>
</tbody>
</table>

**Total Overall Hours**: 25 hours

**Note:**

- **Gifted and Talented Art** and **Specialist Tennis** students are requested to choose the four period subject for their respective courses.

- **Music** students must select the two period Class Music subject.

All course costs are given as a guide only. They are based on 2015 pricing structures and are subject to change in 2016.

**4 Period Per Week options**

In 2016 Year 10 students will be given the option to specialise in a specific area of study for 4 hours per week. The following options are available. Students not wishing to study a four period option should choose 3 two period options.

- **The Arts**
- **French**
- **Japanese**
- **Business Cert II**
- **Outdoor Education**
- **Physical Recreation**
- **Engineering**
- **Specialist Tennis**
4 Hour Per Week Courses

Year 11 ATAR Design Photography Preparation Course - 10PREX (Year Long)
Fine art Photography
Start Year 11 early! It will prepare you for both ATAR and general Photography. So by the time you start Year 11 you are streets ahead of the rest. The work will be fun and will teach you how to take a fantastic photo and how to manipulate it in Photoshop and then how to apply it to a T-Shirt / Poster / Photo Album. It will also teach you great graphics skills so that every photography layout you do will be a fantastic one.

Special Art Digital Studies and Contemporary Australian Art Studies - 10SPSX
(Semester 1)
This course contains two units. Firstly you will explore how classical Art skills & techniques (drawing, painting etc.) can be combined with digital technology. Students will investigate the scope of digital media as a tool to develop artwork for a new era, making use of the computer (WACOM & ADOBE), camera (still & video), and smart devices to produce innovative artwork. They will develop Arts Language specific to Digital Art; an understanding of the conventions of Digital Art; and, an appreciation for the role of Digital Art in the history of human development. Students will produce at least one major work for display.

The cost of this course is $120
(Semester 2)
This course will follow on directly from Digital Studies. In this course we will examine a selection of contemporary artwork produced by Australian artists in the previous thirty to forty years. Students will develop research techniques, Art Language, discover the methods used to analyse artworks, and discuss the way artwork is informed by social, cultural, historical and political contexts. The course will provide students with an informal, but comprehensive background in Australian Art History studies as a prelude to further study in the Visual Arts. Students will also explore the style, subject matter, and techniques employed by a variety of artists as they will be required to reference this in their own art making. Students will produce at least one work for display.

The cost of this course is $130
NOTE: This course is available only to selected Gifted & Talented Visual Art students.

Year 11 ATAR Fine Art Preparation Visual Art Course – 10PCAB (Year Long)
Prepare yourself for Year 11
Start Year 11 early. This course will prepare you for fine art in Year 11 ATAR course. So this way by the time you start Year 11 you will be streets ahead. The work will be fun and we will be developing your drawing skills using a range of different imagery as inspiration and using charcoal, inks etc. Combining these elements you will then go onto developing and painting a work on canvas. This is a unique course that teaches you fine art skills that will short cut your way to beautiful finished works.

The cost of this course is $120
French - 10FREX (Year Long)
Students will learn about family life and personal relationships in the modern day and renaissance France. They will make comparisons between life in modern day France, historic France and Australia. Students will learn about holidays and travel, including making bookings. They will also look at describing medical problems and future plans. This course is designed for second language learners. Background speakers of French may not be eligible to enrol in French Second Language in Year 11. For more information please contact the Head of the Languages Learning Area.

The cost of this course is $32
Japanese - 10JAPX (Year Long)
Students will continue to add to their knowledge of Japanese. They will talk about making, accepting and declining invitations. They will compare country and city living. They will learn about the custom of school trips in Japan and talk about part-time work and spending money. Students will learn about describing people, talking about their home and neighbourhood and making arrangements with friends. Students will participate in group work and cultural activities. This course is designed for second language learners. Background speakers of Japanese may not be eligible to enrol in Japanese Second language in Year 11. For more information please contact the Head of the Languages Learning Area.

The cost of this course is $32
Business Certificate - 10BSBX (Year Long)

This is a unique opportunity for students to complete a recognised vocational qualification. Students will develop their skills in MS Word, MS Excel, MS PowerPoint and MS Publisher. Other units of competency include such things as communication skills, operating business technology and using electronic mail.

The units of competency successfully completed during the year can be used as recognition of prior learning for the Certificate II in Information, Digital Media and Technology, the Certificate III in Business and the Certificate IV in Business.

The cost of this course is $55

Engineering – Technical – Certificate III Mem30505 Partial Units of Competency - 10ENTX (Year Long)

This is the first year of a two year Certificate course. The Certificate III is skills based and requires students to achieve specific Drafting competencies using Computer Aided Drafting software. It provides students with the opportunity to achieve a national vocational qualification under the Australian Qualifications Framework (AQF). Any units of competency attained during the program will be recognised on the student's WACE as well as certification from Central TAFE. The Certificate III in Engineering – Technical is not an ATAR subject although it contributes towards graduation by offering equivalents to regular units of study.

How will this course help students in the future?

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

Students who undertake the Certificate III may progress along further pathways in this qualification including Certificate IV: Engineering, Diploma of Engineering, Advanced Diploma of Engineering or Bachelor of Engineering.

Year 10 Units of Competency
MEM16006A Organise and communicate information
MEM16008A Interact with computing technology
MSAENV272B Participate in environmentally sustainable work practices
MEM09201A Work effectively in an engineering drafting workplace

Year 11/12 Units of Competency
MEM9002B Interpret technical drawing
MEM90292A Produce freehand sketches
CUVACD302A Produce computer-aided drawings
MEM12024A Perform computations
MEM12023A Perform engineering measurements
MEM30007A Select common engineering materials

The cost of this course is $60

Specialist Tennis - 10TEN (Year Long)

Students will study the Year 11 General Physical Education course of study. The focus of this course is the development of students' knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities. This allows students to begin to understand the impact that physical activity has on the body's anatomical and physiological systems which enable them to extend their knowledge of the effectiveness and efficiency of their performance as team members/individuals.

The course will be delivered in a Tennis context and will involve one period of theory and three periods of practical per week. This course will provide excellent grounding for students continuing on with ATAR Physical Education Studies (Tennis) in Year 11.

The cost of this course is $135

# Available for selected students only.
Outdoor Education - 10OEDX (Year Long)
The new, year-long unit for Yr 10 Outdoor Ed will combine former semester units into an aquatic based themed unit. The new unit will have strong links via introductory content and skills to the new upper school General Course or the Certificate 2 course in Outdoor Recreation.

Over the year students will gain experience and content in:
- Sailing
- Marine navigation introduction
- Snorkelling
- Survival swimming and basic rescue skills
- Paddle Sports – Canoeing, kayaking and stand-up paddle
- Recreational Skippers Ticket (W.A. power boating requirement)
- First Aid

The cost of this course is $300

Special Conditions: Students must be strong and capable swimmers and must pass the bronze medallion swim test of 400m in under 13 minutes.

Physical Education Preparation Course - 10PHRX (Year Long)
Want to study Physical Education Studies ATAR in Years 11/12? It is highly recommended you do the Year 10 Preparation course. Throughout this course, emphasis is placed on improving performance in physical activities and the integration of theory and practice. The Preparation Course uses physical activity and sport to develop skills and performance along with an understanding of physiological, anatomical, psychological, biomechanical and skill learning applications. In Years 11/12 the theoretical component of the ATAR course is 70%. By doing this Preparation Course you will be prepared for the rigours of ATAR. This course consists of four periods per week, three periods are practical and one theory.

The cost of the course is $100

CSI - Lab Skills - 10MSLX (Year Long)
CSI Lab skills is designed to assist students in attaining skills that can be used to work in a Laboratory setting such as a medical laboratory, a forensic laboratory or any laboratory that requires the use of chemicals and/or tissue samples. Students will complete four competencies (or topics) from the MSL30109 Certificate III in Laboratory Skills, a nationally recognised qualification. Each competency will give you credit towards the VET Certificate III offered as part of WACE, if you wish to continue with this Certificate when you move into Year 11.

Students will be equipped with critical thinking skills, communication, analytical and practical skills required for a career in research science but equally applicable to a wide range of careers in science and beyond. The Certificate III in Laboratory Skills aims to provide students with the knowledge and skills associated with day to day work in a laboratory and its associated technical tasks such as sampling and testing areas of study:

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Competency Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL913001A</td>
<td>Communicate with other people</td>
</tr>
<tr>
<td>MSL943002A</td>
<td>Participate in laboratory/ field workplace safety</td>
</tr>
<tr>
<td>MSL973004A</td>
<td>Perform aseptic techniques</td>
</tr>
<tr>
<td>MSL973007A</td>
<td>Perform microscopic examinations</td>
</tr>
</tbody>
</table>

Assessment Tasks
1. Assignment  4. Examination
2. Case Studies 5. Research Report
3. Tests

The cost of this course is $80

Law and Commerce - 10LACX (Year Long)
This course provides students with the opportunity to develop their understanding of business concepts. It will focus on two main aspects – financial management and legal requirements.

During the financial management component students will develop the basic accounting skills needed to manage the finances for a small business. It looks at the different types of business enterprises currently operating in Australia and the financial information they are required to present. The knowledge and skills gained in this part of the course provide a good foundation for further studies in Accounting and Finance in upper school.

The second aspect of this course – legal requirements – allows students to develop their understanding of how Australia’s democracy operates and enables change, the key features and role of the court system and a critical perspective on the influence of the media, including social media, within society. Students examine controversial topics such as juvenile crime, neighbourhood relationships and how the law copes with rapidly changing technological developments. The knowledge and skills gained in this course provide a good foundation for further studies in Politics and Law in upper school.

The cost of this course is $40
2 Hours Per Week Options

The Arts

Dance
Students develop creative skills, critical appreciation and knowledge of artistic techniques and technologies in dance, drama, media, music, visual arts and combinations of arts forms. The Arts develops students’ sense of personal and cultural identity and equips them for lifelong involvement in and appreciation of The Arts.

Dance: Hip-Hop and Contemporary Dance - 10DAN
(Semester 1)
If you loved performing at the Dance Showcase in Year 9, or would like the experience of dancing in front of an audience, well here’s your chance! In term 1, you will learn the art of dance in the Hip-Hop genre from a specialist instructor and perform in the Semester 1 Drama/Dance Showcase. Term 2 will comprise of a series of Contemporary dance lessons focusing on technique. No dance experience necessary, as all levels are catered for.

Dance - Cheerleading and Spanish Dance
(Semester 2)
Did you love Cheerleading in Year 9 or want to further improve your cheerleading skills? Then here is the unit for you. In Term 3 you will hone your stunting, tumbling, and jumps to create your own cheerleading routine, culminating in a performance for the Semester 2 Dance/Drama showcase. Term 4 is comprised of fun lessons that will improve your turning, leaping and choreography skills in the Musical Theatre genre. No dance experience necessary, as all levels are catered for.

The cost of this course is $130

Drama
Performance – 10PER
(Semester 1)
In this course, students develop the skills to bring a script to life. This is a practical course where students will learn basic acting and performance skills and apply this knowledge to mounting a theatre performance using an existing script. Participation in this course will allow students the opportunity to audition for the 2016 school production. It is strongly recommended that students who intend taking Drama in Year 11 take two courses of Drama in Year 10. Students are expected to attend one professional theatre show this semester.

The anticipated cost of this course is $80

Acting
(Semester 2)
In this course, students will make a specialised study of acting methods and performance techniques. Workshops in voice, movement, characterisation and performance with industry professionals will prepare students to create and produce individual and group plays. An opportunity to perform their work to a wider audience in Term 4 will be the culmination of this unit. It is strongly recommended that students who intend taking Drama in Year 11 take two courses of Drama in Year 10. Students are expected to attend one professional theatre show this semester.

The anticipated cost of this course is $80

Stagecraft – The School Production - 10DRA (Year Long)
In this course, students will learn the practical and technical skills of theatre, costume and makeup design; set design and construction; lighting, sound and backstage roles in the newly completed Performing Arts Centre. Students from this course will be selected to be part of the crew for the 2016 school production. It is strongly recommended that students who intend taking Drama in Year 11 complete two courses of Drama in Year 10.

The cost of this course is $60
Music

General Information

- Students who choose the Class, Instrumental and Ensemble Music units are those who wish to (i) continue School of Instrumental Music (SIM) tuition or (ii) learn an instrument privately. It is School of Instrumental Music Policy that students learning an instrument privately are not normally able to join SIM Classes.
- Each year, students wishing to study the Class, Instrumental and Ensemble Music units must enroll in both units for that year (Year 10 = 10MUS & 10MUSB). That is, the units may not be chosen separately.
- Instrumental and Ensemble Music cannot be studied separately from Class Music.
- Students learning an instrument at school will attend these lessons on a withdrawal basis from other classes. The maximum instrumental lesson length is 40 minutes. The instrumental timetables are "rotating" to minimise disruption to other classes.
- All students are required, as part of their Instrumental course, to participate in at least one of the following ensembles:
  - Concert Band 1 (senior) or Concert Band 2 (junior) – woodwind, brass and percussion.
  - Scimitar String Orchestra (senior) or Cygnet String Orchestra (junior) – Violin, Viola, Cello and Double Bass.
  - Junior or Senior Classic Guitar Ensemble (classical guitar only)
  - Chamber Choir – Vocal students. This ensemble is also open to non-enrolled Music students from Years 7 to 12.
- Students may only move from the junior ensembles to the senior ensembles via the Music Department’s AUDITION process.
- Pianists are encouraged to participate in concerts and other performances by accompanying soloists and playing solos. Occasionally, senior pianists may be invited to rehearse and perform with the school's ensembles. The Chamber Choir is an ideal ensemble for pianists who enjoy singing. There is a "try-out" process, which may be discussed with the Teacher in Charge of Music or the Chamber Choir conductor.
- Additional costs: Camp Fees of approximately $250.00 for the Senior Ensembles only (Concert Band 1, Scimitar String Orchestra, Senior Guitar Ensemble and Chamber Choir). There may be Special Extra Rehearsals organised for the other ensembles, which will attract a fee of approximately $20.00. The Music Department undertakes tours approximately every 3 years (for Senior Ensembles only). The cost of the 2009 Tour to the Australian International Music Festival in Sydney was approximately $2, 600 per student.
- CONCERT UNIFORM: All students enrolling in Class, Instrumental and Ensemble Music are required to purchase a Concert Shirt from the Applecross Senior High School Uniform Shop. In 2014 the cost of the Concert Shirt was $27.00. In addition, boys are required to purchase a (i) pair of black dress trousers (no corduroy or denim), (ii) a black belt, (iii) black leather shoes (no sports shoes) and (iv) black socks. Girls are required to purchase (i) long black pants (no corduroy or denim – and no skirts), (ii) low heeled plain black leather shoes (no canvas, sports, high heels or strappy styles) and (iii) black socks or knee-highs. There are simple and practical requirements for hair and jewellery, which are available through the Music Parents Handbook, which is published in Term 1 each year by the Music Support Group.

Class, Instrumental and Ensemble Music - 10MUS (Year Long)

In this course, students will develop skills in listening awareness (aural perception) and basic music knowledge (theory). They will also express themselves through composition and arrangement activities, as well as gaining an understanding of what makes us listen to and enjoy music of different eras, cultures and styles (Music in Society). Practical music-making activities are integral to all music courses. A grade of "A" or "B" in course 10MUS as well as course 10MUSB will ensure the prerequisite entry level for the upper school Music course.

The cost of this course is $90

Special Conditions: Completion of courses 8MUS, 9MUS is a prerequisite for studying these Year 10 music courses. If these courses have not been completed, an interview with the Teacher in Charge - Music is required. Students must learn a musical instrument at school or privately. Students who are eligible to hire an instrument will have to pay an annual fee of $160.
Visual Arts

Year 11 Preparation Course – 10PRE

Graphic Design & Photography (Semester 1)
Use your Photographs to Design Posters, CD Covers and more
Start Year 11 early! It will prepare you for both Examination and non-Examination Graphic design and Photography. So by the time you start Year 11 you are streets ahead of the rest. The work will be fun and will teach you how to take a fantastic photo and how to manipulate it in Photoshop and then how to apply it to a T-Shirt/Poster/Photo Album. It will also teach you great graphics skills so that every layout you do will be a fantastic one.

Drawing, Design, Painting, Textiles, Page Layout (Semester 2)
Start Year 11 early!
This course will prepare you for the 2A Visual Arts course offered in Year 11 next year. So, by the time you start Year 11, you will be streets ahead! The work will be fun and incorporate drawing, designing and studio work. It will help you refine your drawing skills which will then assist you with sculpture, textiles, painting, graphic design, and jewellery.

Art in Glass – 10GLA (Year Long)
Glass Bowls, Jewellery, Platters and more
Design and make beautiful art pieces in glass using a variety of casting techniques and processes. Make beautiful glass pieces through fusing and slumping techniques; create jewellery and mobiles; and decorate functional glass objects with bright colourful glass paint and etching solvents. Its art, but it’s in glass. Different projects will be undertaken in each semester so it is possible for students to take this course for one or both semester.

Contemporary Street Wear Design – 10SWD (Year Long)
Design Own Range and Create Garments - Can you see yourself or your original creations on the catwalk? This is your chance to design, produce and decorate a personal range of street wear perfect for now. You will develop designs for clothing, decorate fabric and produce garments. Recycle and create new contemporary items from op. shops such as: hats, jackets, coats, shoes, bags and skirts. If you don't want to be a model, be the designer behind the gear. Be a big name in street wear.

The cost of this course is $120

The cost of this course is $110

English

Students learn about the English language and how to use it effectively. The study of English plays a vital role in the development of literacy, enhances students’ learning in all areas of the curriculum and provides them with the communication skills and critical understanding of language necessary for active participation in society. Students will study the Australian Curriculum English Course. All students study the same course at different levels. The academic classes explore a wider range of more difficult texts. Creativity, critical thinking, Grammar and English skills of communication are the basis of all courses. Wide reading is encouraged through all courses to improve literacy.

English – 10ENG
Students study a general course of English focusing on Language, Literacy and Literature. They study poetic form, critical essay writing, comprehension skills, drama and the novel. Reading and grammatical skills continue to be developed. In second semester students study a variety of media texts focusing on written, oral and visual advertising. They complete analytical and critical essays in response to novels, films, short stories and poetry. They also develop their creative skills by writing in different forms. Their grammatical skills continue to be practised. Students will participate in regular common task assessments throughout the year. They will also complete a formal two hour examination.

The cost of this course is $32

Literature – 10LIT (Year Long)
Those students choosing to study Literature as a unit will focus on the classic literary canon in the genres of Drama, Prose Fiction and Poetry. The students will be asked to extend their normal reading practice and to write creatively, emulating diverse styles and content studied. Students will continue to develop their literary vocabulary and analytical writing skills in essay format. Theatre excursions and guest speakers, when available, will be included as part of the course. Students will complete this course in addition to their normal English classes.

The cost of this course is $32
English as an Additional Language/Dialect - 10ESL
These courses are based on the Australian Curriculum English Course (see English courses for more details) but are tailored to suit the needs of Non-English Speaking Background students who have been in Australia, or any English speaking country for fewer than three years. Some students who have been here longer may also be accepted into the courses if numbers permit. Entry to these courses is on approval from the EAL/D Teacher in Charge or the Lower School Deputy. In all EAL/D courses, students will demonstrate the skills through reading and viewing, speaking, listening and writing.

The cost of this course is $32

Health and Physical Education

Health Education – 10HED
In this course, Year 10 students will cover the topics of human sexuality, including sexual assault, contraception and sexually transmissible infections. Students will also complete the Keys for Life Driver Education Program. In addition to the specific content covered in each course self-management skills such as communication, decision making, goal setting, risk management and resilience are embedded in the Health Education course.

The cost of this course is $7.50

General Physical Education – 10PES and 10PESB
Students develop an understanding of the skills needed for confident participation in sport and recreational activities. This course enables students to make responsible decisions about health and physical activity and to promote their own and others’ health and well-being. In this course students will develop skills in a variety of different physical activity contexts. There is also a focus on developing students’ interpersonal skills. Over the course of Years 7-10 students will cover a broad range of sports developing fundamental movement skills, both land and water based.

The cost of this course is $18

Outdoor Education – 10OED (Canoeing Expedition)
Semester 1
In this course, students will develop a sense of responsibility and confidence through the pursuit of Canoeing, Inland Navigation and Expedition and Survival Techniques.

**Special Conditions: Students must pass Bronze Swim Test (400m in 13 minutes).

Outdoor Education – 10OEDB (Marine Expedition)
Semester 2
In this course, students will develop a sense of responsibility and confidence through the pursuit of Sailing, Marine Navigation and Weather, Maritime Expedition Planning and Survival.

**Special Conditions: Students must pass Bronze swim test (400m in 13 minutes).

The cost of this course is $300

Physical Recreation – 10PHR
(Semester 1)
In this course, students will be given the opportunity to develop skills in the recreational pursuits of Sailing, Triathlon and Weight Training.

**Special Conditions: Students must be competent swimmers and have their own bike and helmet for cycling.

(Semester 2)
In this course, students will acquire skills in the recreational pursuits of Indoor Cricket, Ten Pin Bowling and Squash.

The cost of this course is $331
Languages

Students learn to communicate effectively in languages and further develop their skills and understandings in English and literacy in general. They gain an understanding of other societies, the ability to interact with people and cultures other than their own, and practical skills which they can use in future social, cultural and vocational areas. We have exchange programs to France and to Takarazuka, Japan. Students from Years 9 to 11 may participate in these programs. Year 10 students must complete Semester One and Semester Two if they wish to continue with their language studies in Year 11 and 12.

French – 10FRE
Students will learn about family life and personal relationships in the modern day and renaissance France. They will make comparisons between life in modern day France, historic France and Australia. Students will learn about holidays and travel, including making bookings. They will also look at describing medical problems and future plans. This course is designed for second language learners. Background speakers of French will be required to enroll in Japanese. If in doubt, please contact the Head of the Languages Learning Area.

The cost of this course is $32.00

Japanese – 10JAP
Students will continue to add to their knowledge of kanji. They will talk about making, accepting and declining invitations. They will compare country and city living. They will learn about the custom of school trips in Japan and talk about part-time work and spending money. Students will learn about describing people, talking about their home and neighbourhood and making arrangements with friends. Students will participate in group work and cultural activities. This course is designed for second language learners. Background speakers of Japanese will be required to enroll in French. If in doubt, please contact the Head of the Languages Learning Area.

The cost of this course is $32.00

Mathematics

Students use ideas about number, algebra, measurement, geometry, statistics and probability and mathematical ways of representing patterns and relationships, to describe, interpret and reason about their social and physical world. Mathematics plays a key role in the development of students’ numeracy and assists learning across the curriculum.

Students who perform at a reasonable standard or better in Year 9 classes normally proceed to the same pathway in Year 10. Less able students may be placed in a lower pathway in Year 10 in an attempt to find a course more suited to their capabilities. A small number of students will be offered the opportunity to attempt a pathway in Year 10 at a higher level than their Course of Study in Year 9, subject to their preparedness to bridge any missed content (e.g. excelling students in Pathway 2 may move into Pathway 1). In general for Years 9 and 10, Pathways E, 1 and 2 maintain a common core of content but the depth of treatment widens progressively. Pathways 3 and 4 are slower-paced and do not reach the same endpoints as the higher pathways.

The total cost of all Mathematics pathways for a year is $36

Pathway Description

Pathway E is the Academic Extension course which covers the Pathway 1 course, but incorporates the extension work into their course work. It is a very demanding but rewarding course.

Pathway 1 is the most demanding course (excluding the Academic Extension Program) and prepares students for the study of any Mathematics course in Years 11 and 12. It incorporates some of the extension work covered in the Academic Extension course.

Pathway 2 provides a good grounding in the essentials of Algebra and Number, Measurement and Geometry and Statistics and Probability, for students who wish to study any ATAR courses of study but is not rigorous enough for Specialist courses in Year 11 & 12.

Pathway 3 is slower paced than Pathway 2 but still covers some of the rudiments of the higher pathway. For the more successful student in this pathway, the course still offers sufficient preparation for the lower stage ATAR Mathematics course in Year 11.
Pathway 4 is a “focus” class designed to cater for students in need of special help in this subject. It endeavours to maintain basic numeracy skills which will be of use to students in their everyday lives. Students at this pathway will not normally study Mathematics beyond Year 10.

Science

Students investigate, understand and describe the physical, biological and technological world and value the systems and processes that support life on our planet. Science helps students to become critical thinkers who use evidence to construct conclusions.

The Australian Science Curriculum provides opportunities for students to develop an understanding of important Science concepts and processes, the practices used to develop Science knowledge, Science’s contribution to our culture and society, and its application to our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate if they so wish, in Science related careers.

Year 10 students study in one of four pathways. Those who apply for placement in the academic extension class need to have performed at the highest level in all Science topics and must be prepared to undertake extra research work in addition to the Year 10 course work. All other students are placed in a pathway based on their performance in Year 9. All students are encouraged to participate in a broad range of Science enrichment opportunities such as The Science Talent Search and Crest Awards. This particularly applies to students in extension classes.

YEAR 10 – 10SCI

Chemical Science
In this topic, students will study the reactivity and extraction of metals and do calculations involving amounts of chemicals and chemical equations relating to local industries.
Note: Pathway 2 and 3 students will study a modified version of this topic that is not designed to provide sufficient preparation for Year 11 Chemistry.

Physical Science
In this topic, students will study the description, measurement and calculation of motion, forces and their effects.
Note: Pathway 2 and 3 students will study a modified version of this topic that is not designed to provide sufficient preparation for Year 11 Physics.

Biological Science
In this topic, students will cover reproduction, inheritance, change in species over time and evolution.

Earth and Space Science
In this topic students will study the formation and history of the universe, and global ecosystems, their effect and human impacts.

Chemical Science extension
In this topic, students will examine some common chemical processes, conduct laboratory investigations and perform calculations based on the reactions involved.

The cost of this course is $45

Prerequisites for Year 11 and 12 Courses
Chemistry
Satisfactory performance overall in the Academic Extension class or Pathway 1 in Year 10 Science with a high level of achievement in the Year 10 Chemistry topics.

Physics
Satisfactory performance overall in the Academic Extension class or Pathway 1 in Year 10 Science with a high level of achievement in the Year 10 Physics topic. An ‘A’ result in Year 10 Algebra is strongly recommended (Students should note that 3A/3B Mathematics is strongly recommended as a prerequisite for 3A/3B Physics in Year 11

Biological Sciences
Satisfactory performance overall in the Academic Extension class or Pathway 1 or 2 in Year 10 Science with a high level of achievement in the topic Biological Change and Chemistry.
Human Biological Science
Satisfactory performance overall in the Academic Extension class or Pathway 1 or 2 in Year 10 Science with a high level of achievement in the topic Biological Change and Chemistry.

Psychology
Satisfactory performance overall in the Academic Extension class or Pathway 1 or Pathway 2 in Year 10 Science with a high level of achievement in the topics Biological Change and Chemistry. Students should note the requirement for satisfactory achievement in Year 10 Mathematics.

**Humanities and Social Sciences**

Students will develop understandings of how individuals and groups live together and interact with their environment, a respect for cultural heritage and a commitment to social justice, democratic process and ecological sustainability.

Students in Society and Environment focus on the Australian Curriculum CROSS CURRICULUM PRIORITIES & GENERAL CAPABILITIES. The general capabilities define knowledge, skills, and behaviours that can be developed and applied across the curriculum to help students become successful learners, confident and creative individuals, and active and informed citizens.

In addition to content knowledge students develop skills in the areas of; Literacy, Numeracy, ICT Capability, Critical & Creative Thinking, Ethical Behaviour, Intercultural Understanding and Personal & Social Capability.

The courses at Applecross SHS for lower school students have been developed to meet the Australian Curriculum requirements with the program combining Australian Curriculum, History, Geography, Civics and Citizenship and Business and Enterprise.

**Society and Environment – 10HASS**
World War II
Rights and Freedoms
Popular Culture
Environmental Change and Management
Geography of Human Wellbeing
The Business Cycle and Government Management Policies
Australia and International Agreements
The High Court of Australia
Peace Keeping, the UN and Foreign Aid

*The cost of this course for the year is $32*

**Technology and Enterprise**

**Business and Information Technology**
Students apply knowledge, skills and resources in the development of practical solutions to problems. Through this process they learn to be innovative, adaptable and reflective as they select and use appropriate materials, information and systems to achieve worthwhile results.

**Introduction to Accounting – 10ACC (Year Long)**
This course provides students with the basic accounting skills needed to manage the finances for a small business. It looks at the different types of business enterprises currently operating in Australia and the financial information they are required to present. The knowledge and skills gained in this course provide a good foundation for further studies in Accounting and Finance in upper school.

*The cost of this course is $34*

**Legal Studies – 10LEG (Year Long)**
Legal Studies examines controversial topics such as juvenile crime, neighbourhood relationships and how the law copes with rapidly changing technological developments. Students will thrive on the interesting discussion and research skills provided by this course.

*The cost of this course is $30*
VET Business – 10VET (Year Long)
This is a unique opportunity for students to begin working towards completing a recognised vocational qualification. By completing units of competency in such things as communication skills, operating business technology and using electronic mail, students can achieve a partial Certificate II in Business.

This course is undertaken for two periods during both semester 1 and 2. It therefore counts as two courses. Students should select VET Business for both Semester 1 and 2 (10VET and 10VETB). The units of competency successfully completed during the year can be used to complete the full Certificate II in Business qualification in one year in upper school or can be used as recognised prior learning for the Certificate II in Business. 

The cost of this course is $30

Software Development – 10SDV (Year Long)
Here’s a chance to learn about the two main components that make up a computer system – hardware and software. Students will investigate the current hardware items on the market and the items that are being developed for the future. They will also be given the opportunity to dabble in software development through the creation of simple computer games using the Kudo program.

The second part of this course allows students to further enhance their skills in the development of computer games. Students will develop and test their games using software that will give particular focus to developing sprites, visual, audio and scripting elements of computer games. Students will be able to convert the idea of the game they have in their head to an actual game that they can play. The course also explores the social impact of games in our society today.

The knowledge and skills gained in this course provide a good foundation for further studies in Applied Information Technology and Certificate II in Information, Digital Media and Technology in upper school.

The anticipated cost of this unit is $30

Career Education – 10CAE (Year Long)
The focus of this course is building skills in students to be used in the job search process, career resilience and knowing how to recognize and access appropriate employment opportunities. Students will undertake the Employment Advantage course which is endorsed for one unit on the WA Certificate of Education (WACE). This coursework provides the latest skills, knowledge and best practice advice to give each student a thorough understanding of employer decision making practices and job search processes.

Endorsed Programs can contribute up to 10 unit equivalents towards the WACE completion requirement and may also reduce the number of courses over which a C grade average is calculated. Successful completion of Endorsed Programs reduces the amount of ‘A’ grades a student requires to achieve a Certificate of Excellence on the completion of Year 12.

As part of the learning process, students are also assisted to undertake a one week Work Experience Placement of their choice. A Work Experience Log Book and Classroom Workbook are included in the fees. Students considering Flexi Learning should enrol in this course.

The cost of this course is $100

Design and Technology
Technical Graphics – 10TGR
(Semester 1)
Students will produce more complex drawings in isometric, oblique, perspective and orthogonal using Computer Aided Drafting software. Students will be exposed to work produced by professional architects and draftsmen. Advanced techniques in rendering will be utilised. Students should also select 10GRBB in Semester 2 as a priority. This pathway leads to the Certificate III in Drafting.

(Semester 2)
Students will produce drawings and use a variety of advanced rendering techniques using Computer Aided Drafting software. Students will produce drawings used in the core competencies in the Certificate III in Engineering. Students should also select 10GRP in Semester 1 as a priority. This pathway leads to the Certificate III in Drafting in Years 11 and 12.

The cost of this course is $25
Woodwork – 10WDW  
(Semester 1)
In this course, students will make, and appraise projects in wood and continue the development of their skills and techniques. Advanced techniques, using power tools and hand held electrical equipment will enable students to produce an excellent range of models. Lathe work for making bowls, folding seats, ladders, book racks, lamp stands and bar stools can be completed in this course.

(Semester 2)
In this course, students will take a significant part in designing their own projects. Personal models will be encouraged. Chairs, stools, bowls, platters and small items of furniture can be made using a variety of materials and machinery. Students should also select 10WDW in Semester 1 as a priority, as this pathway leads to Certificate I Furnishing in Years 11 and 12.

The cost of this course is $150

Media Studies – 10MST (Year Long)
In this year long course students will be introduced to media skills and processes, learn how to interpret everyday media with a critical eye, as well as hone their skills through creative production.

Students will investigate and respond to a range of mediums. Practical assessments will involve the creation and production of media works. Students will work individually, as well as part of a production team to complete original projects using industry standard media technology.

Students who complete this course will be well prepared for Year 11 Media Production and Analysis.

The cost of this course is $116

Metalwork – 10MTW  
(Semester 1)
Students will use a variety of materials along with machining and fabrication processes to construct a range of student centred designs. Toolboxes, fishing tackle boxes, shelves, barbecue utensils, fishing gaffs, gidgees and letter boxes are some models to be made. This pathway leads to Certificate I in Engineering in Years 11 and 12.

(Semester 2)
The emphasis in this course is on the construction of more complex projects, or a single major project, developed from the student’s own design. Activities include casting patterns for metal moulding, aluminium casting for items used on bikes, garden tools, fishing gear and much more. Machinery will play an important part in this class. Students should also select 10MTW as a priority, as this pathway leads to Certificate I in Engineering in Years 11 and 12.

The cost of this course is $110

Jewellery – 10JWL  
(Semester 1)
Students will be introduced to more advanced processes which will enable further development of their own skills and ideas. Melting silver and other metals to cast the students’ own designs will prove interesting and challenging. Rings, necklaces, charms, bracelets and earrings can be made.

(Semester 2)
The emphasis in this course is on the development and construction of student designs incorporating a variety of techniques and materials. Students will be encouraged to be creative and to extend their own natural ability in producing good quality jewellery for their friends and their own collections. Necklaces, anklets, charm bracelets, rings and earrings can be made in this class.

The anticipated cost of this unit is $88

Automotive Workshop – 10AUT  
(Semester 1)
In this course, students will cover the basic maintenance of single and multi-cylinder engines, along with the procedures and maintenance necessary to keep a vehicle roadworthy. The purpose of lubrication, fuel mixture, use of appropriate spanners, along with advanced welding skills will be covered.

(Semester 2)
Students will participate in work that is more advanced than 9AUTB along with simple engine repairs and fault finding exercises. This pathway leads to Automotive Engineering & Technology in Years 11 and 12.

The cost of this course is $100

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Photography – 10PHO (Year Long)
Students will be introduced to creative digital and analogue techniques in portraiture, special creative filtering, multiple exposures and design techniques which will enable them to experiment and explore these principles to compile a folio of representative work. Students will use Photo Shop and Paint Shop Pro software as part of the presentation techniques. Students who select this course should also select 10PHOB as a priority, as this pathway leads to Design - Photography in Years 11 and 12.

The cost of this course is $70

Home Economics
Home Economics is a fun, hands-on subject area encompassing many life skills. Using a technology and health focus, students are encouraged to use their own initiative to solve problems while working cooperatively with others, using appropriate equipment, and managing time effectively. This is done in the contexts of foods, clothing and textiles and child care/development. The cost of the food courses includes all the food and equipment requirements. The cost of the textile courses includes the use of the sewing equipment; however, fabrics and some sewing aids will need to be provided by the students.

Hospitality – 10HOSP
(Semester 1)
Food plays an important part in the social life of most people and is seen as a symbol of hospitality. Throughout this unit you will be involved in the planning and preparation of a range of foods for different occasions and special celebrations. Students will develop their knife and precision cutting skills in the preparation and presentation of food to restaurant standard.

(Semester 2)
Students will learn about menu planning incorporating a variety of different cuisines to meet individual needs in a café situation. Students will prepare a wide range of dishes representative of the needs of different community groups and gain a better appreciation of the values and beliefs that influence food choices. Students will learn about coffee making and food presentation café style.

The cost of this course is $150

Asian Cooking – 10ASC
(Semester 1)
This course investigates the cooking and food preparation of Thailand, Japan, China, Singapore and India. For each cuisine you will prepare a variety of dishes including appetisers, main courses and desserts. Different ingredients, spices, cooking methods and equipment will be investigated.

(Semester 2)
Students will be exposed to vast variety of foods, whilst gaining an appreciation and understanding of how ethnic cuisines influence our Australian cuisine. Students will use authentic ingredients and processes to make traditional foods from a variety of cuisines across the world.

The cost of this course is $150

Creative Garment Making – 10CGM (Year Long)
Students will have the opportunity so use their creative skills to make individual fashionable clothing. Using a range of embellishments and construction techniques they will learn how to individualise their creations. Some fabrics and sewing aids will need to be provided by the students.

The anticipated cost of this unit is $60

Child Development – 10CFC – Certificate Course (Year Long)
Students will explore the implications of becoming a parent and consider the ways parenthood would affect their lives in the future. Students will have the opportunity to investigate the physical, social, emotional and intellectual needs of young children and how to satisfy these in a caring way. As part of this course, students will develop working packages suitable for them to use when babysitting preschool children and when hosting children’s parties.

The cost of this course is approximately $90