Welcome to one ninety – Year 12

2016

Our teaching staff is inspired by the belief that our young men and women will leave us with a vision of an ever-expanding world, be sensitive to its problems and ever alert to its advances. We are confident that they will be able to use what they have learned with us, to be innovative and creative in their thinking, and caring in their dealings with others. Our fervent hope is that one day we shall see them become wise adaptors and initiators in their chosen fields.

In one ninety, we are proud to build on the excellent academic foundations and behavioural practices established in the first three phases of life at Pulteney – Kurrajong, Prep School and the Middle School. On entering one ninety, each student, with the help of parents and staff, including our Coordinator of Futures, makes some very significant choices about future life directions. Some are very fortunate to know these directions clearly at Year 10, others may not know them even after they complete Year 12.

Whatever the aspirations of the students as they enter one ninety, critical, creative and ethical intelligences continue to play an important role in the learning and teaching of each individual subject. The increased variety of subject choice is balanced by the SACE pattern for Years 11 (Stage 1) and 12 (Stage 2) established by South Australian Certificate of Education (SACE) Board of South Australia to ensure that each student selects an educationally sound programme.

Staff members in one ninety are enthusiastic and committed to providing quality education while striving for academic excellence. It is the expectation that each student will achieve his or her individual best, not only academically but also in the wide variety of extra-curricular activities available, thus gaining valuable leadership experience and learning the benefits of a balanced lifestyle.

Leadership experience is also fostered in Tutor groups. Each student belongs to one of the four houses: Bleby-Howard, Cawthorne-Nicholls, Kennion-Miller and Moore-Sunter. Each house is divided into Tutor groups according to year level. Parents are encouraged to contact Heads of House, Tutors and Subject Teachers if they are concerned about any aspect of their child’s life at school.

We welcome you to our focused community in one ninety and assure you that, at all times, the very best interests of each individual student are of the greatest importance to us. We commend this subject information booklet to both parents and students as a valuable resource, as together you make the subject choices to ensure a suitable preparation for the future.

Kind regards

Nicholas Brice
Head of one ninety
Disclaimer
The following information concerns subject choices and further tertiary studies. Every effort has been made to obtain up-to-date and correct information. However, details for courses, at Pulteney, at tertiary institutions and offered through the SACE Board of South Australia are subject to change. Students are advised to contact the relevant institution to verify any information contained in this booklet.

The SACE

What is the SACE Board of South Australia?
The SACE Board is an independent body formed by the State Government and it is responsible for the provision of curriculum statements and certification of all studies undertaken at Year 11 and Year 12 level by students in all South Australian Secondary Schools. Its functions include:

- The development of curriculum statements for a wide range of subjects designed to cater for a diversity of abilities and interests at Stage 1 and 2 (Years 11 and 12).
- The approval of school-based courses designed to meet the specific needs of the school’s own students.
- The assessment of subjects for which it provides or approves curriculum statements.
- The issuing of the South Australian Certificate of Education (SACE) to all students in South Australia who satisfactorily complete the requirements of the SACE.

What is the SACE?
The SACE is the South Australian Certificate of Education awarded to students who successfully complete their secondary school education. The SACE has been designed to enable students to:

- Develop the capabilities to live, learn, work and participate successfully in a changing world.
- Plan and engage in a range of challenging achievable, and manageable learning experiences, taking into account their goals and abilities.
- Build their knowledge skills and understanding in a variety of contexts (e.g. schools, workplaces, and training and community organisations).
- Gain credit for their learning achievements against performance standards.

To complete the SACE, students must achieve 200 credits. Students gain 10 credits for one semester or six months of study in a particular subject. A benefit of the SACE is that students can gain credits for learning both in and out of school, including vocational training, university studies, community service and some employment.

Achieving the SACE
To gain the SACE, students complete two years of full-time study. There are two stages:

- Stage 1: most students study and complete in Year 11, apart from the Stage 1 Personal Learning Plan, which most students complete in Year 10.
- Stage 2: most students study and complete in Year 12.

Each subject or course successfully completed earns ‘credits’ towards the SACE, with a minimum of 200 credits required for a student to gain the certificate.

Students will receive a grade from A to E for each Stage 1 subject and A+ to E- at Stage 2. For compulsory subjects, a C grade or better must be achieved.

The compulsory subjects are:

- Personal Learning Plan (10 credits at Stage 1).
- Literacy – at least 20 credits from a range of English subjects or courses (Stage 1).
- Numeracy – at least 10 credits from a range of Mathematics subjects or courses (Stage 1).
- Research Project – an in-depth major project (10 credits at Stage 2 level)
- Other Stage 2 subjects totalling at least 60 credits.
The remaining 90 credits can be gained through additional Stage 1 or Stage 2 subjects or SACE Board recognised courses (such as VET or community learning) of a student’s choice.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 10 +++</strong></td>
<td></td>
</tr>
<tr>
<td>Personal Learning Plan</td>
<td>10</td>
</tr>
<tr>
<td><strong>Year 11 (Stage 1) +++</strong></td>
<td></td>
</tr>
<tr>
<td>Literacy (selected from a range of English subjects and courses)</td>
<td>20</td>
</tr>
<tr>
<td>Numeracy (selected from a range of Mathematics subjects and courses)</td>
<td>10</td>
</tr>
<tr>
<td><strong>Year 11 or 12 (Stages 1 or 2) ++</strong></td>
<td></td>
</tr>
<tr>
<td>Other subjects and courses of the student’s choice</td>
<td>Up to 90</td>
</tr>
<tr>
<td><strong>Year 12 (Stage 2) ++++</strong></td>
<td></td>
</tr>
<tr>
<td>Research Project (undertaken in Year 11)</td>
<td>10</td>
</tr>
<tr>
<td>Other Stage 2 subjects and courses*</td>
<td>60 or more</td>
</tr>
</tbody>
</table>

++ Other subjects and courses
+++ Stage 1 compulsory subjects and courses
++++ Stage 2 compulsory subjects and courses

* Many students will complete subject or courses worth more than 70 credits at Stage 2.

The SACE Pattern for a Pulteney Student could look like this:

<table>
<thead>
<tr>
<th>Year Level</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Personal Learning Plan +</td>
<td>12</td>
</tr>
<tr>
<td>11</td>
<td>English or Essential English</td>
<td>20</td>
</tr>
<tr>
<td>11</td>
<td>Mathematical Methods or General Mathematics</td>
<td>20*</td>
</tr>
<tr>
<td>11</td>
<td>Legal Studies</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>Physics</td>
<td>20</td>
</tr>
<tr>
<td>11</td>
<td>Drama</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>Physical Education</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>History</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>Art</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>Research Project +</td>
<td>10</td>
</tr>
</tbody>
</table>

*Under the SACE model students are only required to undertake 10 credits of Mathematics at Stage 1. Pulteney Grammar encourages all students to undertake a full year of Mathematics in order to better develop their numeracy skills.

<table>
<thead>
<tr>
<th>Year Level</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Geography</td>
<td>20</td>
</tr>
<tr>
<td>12</td>
<td>Biology</td>
<td>20</td>
</tr>
<tr>
<td>12</td>
<td>English Literary Studies</td>
<td>20</td>
</tr>
<tr>
<td>12</td>
<td>Physical Education</td>
<td>20</td>
</tr>
<tr>
<td>12</td>
<td>Physics</td>
<td>20</td>
</tr>
</tbody>
</table>

++ Compulsory SACE Subjects

Community Learning
Students are able to earn SACE credits for learning undertaken in the community. Some opportunities could involve the Duke of Edinburgh, AMEB Music Examinations, Surf Life Saving and other community based activities. Further information on community based courses can be found at [www.saceboard.sa.edu.au](http://www.saceboard.sa.edu.au) (go to ‘subjects’ and follow the link from ‘Recognised Learning’). These details are updated as new course information becomes available.

VET in SACE
The SACE Board has endorsed key directions for recognising Vocational Education and Training (VET) in the SACE.
VET courses deliver industry-endorsed units of competence from nationally accredited training packages, so students are able to receive dual accreditation – SACE credits and VET qualifications. VET courses provide students with the opportunity to:

- Personalise their learning pathways;
- Develop and practice business and industry specific skills, often including on-the-job structured workplace learning;
- Achieve their SACE through diverse and rigorous learning experiences.

Who can study a VET program?

At Pulteney, VET courses are available to one ninety students (from Semester 2, Year 10 onwards) and may be incorporated into their SACE study for a variety of reasons, including interest, skill development or career exploration. It is important that the process for selection is thoroughly considered and that all parties concerned are aware of the implications for gaining the SACE. Our experience is that successful participation in, and completion of, a VET course is more likely if:

- Students have an interest in the particular career/industry area they are studying.
- Students have a level of maturity and independence that would accommodate a more adult style of learning and training. Evidence of managing part time work, or other related responsibilities, would be relevant.
- Reasonable literacy and numeracy skills are essential components of the work environment and students will need to be able to demonstrate an appropriate skill level in both.
- The VET program operates with a lower level of direct supervision of students and therefore relies on students to be able to manage their time well, and be responsible and reliable, with particular focus on:
  - Relating to adults – given that much of the training is done by Registered Training Organisations who work in the adult training environment, eg TAFE
  - Independent learning – students will receive their training once a week and it is therefore necessary that they are able to continue with set work independently in the interim period.
  - Responsibility of time management – given that training will be done in large ‘chunks’, students need to attend all sessions and catch up on any missed school work.
  - Self direction – students should be able to independently follow directions and demonstrate an ability to problem solve or seek help when unsure.
  - Ability to meet deadlines – this relates to administrative paperwork, VET assignments and school-related work.
  - Flexibility – ability to cope with a variety of supervisors and work place situations.
  - Communication – students must ensure they communicate openly, honestly and in a timely manner, with their VET trainer and the school’s VET coordinator, particularly in relation to negotiating any issues that may arise.

Involvement in a VET course in Semester 2, Year 10 or in Year 11 will not affect university entrance selection, as VET studies are counted within the ‘other’ subjects in those years and will form part of the SACE that is separate from the compulsory study units. If students choose to continue a VET pathway into Year 12 this may affect university entry directly from Year 12.

If students want their VET subject to contribute towards their ATAR, they MUST SATISFACTORILY COMPLETE A CERTIFICATE III or higher qualification (Certificate III in Retail Operations does not fall into this category).
What courses are available?
There are a myriad of courses available for students to study, including but not limited to, advertising, automotive, business, construction, electronics, fashion design, fitness, media, nursing, pharmacy, plumbing, beauty therapy, architectural drafting, child studies and massage. Some course information is available at training.vetnetwork.org.au or www.easc.org.au.

When and where will the training occur?
- VET training can occur during school hours and after school hours, depending on the course and the provider.
- VET courses are held across a range of settings from schools, purpose built skills centres, TAFE sites, on the job or a combination.

Application Process
Students wishing to study a VET course will be required to submit an application, after discussion with their parents, the Coordinator of Futures, their Head of House and the Director of one ninety. Submitting an application does not automatically mean you have been accepted. You will be required to wait for confirmation from the VET provider BEFORE you can modify your school subject selections.

For further information, contact the Coordinator of Futures or visit the SACE Board website: www.sace.sa.edu.au.

Assessment and Moderation
Students are assessed against performance standards. These standards – specifically outlined in each subject outline – describe in detail the level of achievement required to achieve each grade, from A to E. Teachers and assessors will use these standards to decide how well a student has demonstrated his or her learning.

At Stage 1, schools assess student performance. The SACE Board will approve learning and assessment plans for Stage 1 subjects. The SACE Board will moderate the Personal Learning Plan and the English and Mathematical subjects at the C/D borderline.

At Stage 2, assessment will be 70 percent school-based, with the remainder assessed externally. The SACE Board will undertake central moderation which will confirm that school-based assessment levels are consistent with each subject’s performance standards.

Tertiary Entrance
University Entry
Students applying for University entry must:
- Complete the SACE.
- Complete at least 90 credits of SACE Stage 2 subjects. At least 60 credits must be 20-credit Tertiary Admissions Subjects (TAS).
- Complete any prerequisite subject requirement for their chosen University course.
- Obtain an Australian Tertiary Admissions Rank (ATAR).

Further information is available in the SATAC Tertiary Entrance Booklet.

TAFE Entry
Completion of the SACE can meet the Course Admission Requirements (CAR) for the many TAFE SA courses. TAFE also considers a variety of other qualifications in its entry and selection process.

Course Admission Requirements differ according to the level of the TAFE course. Many courses do not have any CAR. For further information, go to www.tafesa.edu.au and click on courses of interest to determine what, if any, are the Course Admission Requirements.
Parents and students should be aware of the procedures for entry to South Australia’s tertiary institutions before they make final decisions about subjects in Stage 2. Knowledge of entry requirements for courses and institutions is vital. As entry to the majority of faculties is very competitive, parents and students should undertake research into courses in which they may be interested. Students will have completed some of this research as part of the PLP in Year 10. The Coordinator of Futures can provide students with further resources for this research if required. Students and parents may wish to explore online resources. A good place to start is www.jobguide.education.gov.au, as it not only has a great deal of information but also has links to several related websites.

The school will counsel each student several times between the initial decision regarding SACE entry and final tertiary selection. The final responsibility for subject selection rests with the student and their family. It is not Pulteney’s policy to exclude students from subjects they wish to study, but the school may, in some cases, strongly advise against certain selections.

TAS – Tertiary Admissions Subjects for 2016 – an explanation
These are SACE Stage 2 subjects which have been approved by TAFE SA and the Universities as providing appropriate preparation for tertiary studies. Both TAFE SA and the Universities require students to study a minimum number of credits of TAS to be eligible to receive a selection score rank.

The methods of assessment used by the School, and the standards accepted, are moderated by officials of the SACE Board of South Australia.

For further details regarding different assessment methods, please refer to the individual faculty information provided in this curriculum guide.

**Year 12 in 2016**

<table>
<thead>
<tr>
<th>How your University Aggregate is Calculated</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Three 20 credit scores</td>
</tr>
</tbody>
</table>

Your scaled score from three 20 credit Tertiary Admission Subjects (TAS) are used.

Normally, 10 credit subjects do not count towards this requirement by some 10 credit subjects in the same subject area, when studies in pairs, can substitute for a 20 credit subject. These are called Valid Pairs.

Your score for the flexible option is the best 30 credits of scaled scores or scaled score equivalents from:
- The scaled score of a 20 credit TAS
- Half the scaled score of one or more 20 credit TAS
- The scaled score of one or more 10 credit TAS
- Scaled score equivalents for Recognised Studies to the value of 10 or the maximum of 20 credits.

Your university aggregate is the best possible score calculated from the above options, subject to counting restrictions and precluded combinations.

The university aggregate in 2016 is calculated from your best scaled scores from a maximum of three attempts, and from the following
- Three 20 credit TAS (including valid pairs); plus
- The best outcome from the flexible option, which is the best 30 credits of scaled scores or scaled score equivalents from:
  - The scaled score of a 20 credit TAS
  - Half the scaled score of one or more 20 credit TAS
  - The scaled score of one or more 10 credit TAS
Scaled score equivalents for Recognised Studies to the value of 10 or the maximum of 20 credits.

Subject to precluded combination and counting restriction rules. Subjects with scaled scores of 0.0 can be used in the calculation of the university aggregate. The subjects used in the calculation can only come from a maximum of three attempts which need not be in consecutive years.

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**General Advice to Students and Parents Regarding Choosing a Subject**

Parents and students would be wise to consider the following before making their choice of subjects in *one ninety*.

**Balance, Ambition and Realism**

While it is important to be ambitious and opt for high goals, it is also important that students are realistic. In today’s competitive employment market, it is essential that students are successful in the course of their choice. Lack of success can hinder a student’s progress both at school and beyond.

For these reasons, students ought to opt for courses and subjects which are within their reach. If, for example, a student has struggled with Science at Year 10, it is probably unwise to hope that they will improve to the point where they can be confident of a high mark in an academic Science subject in Year 12 and hence satisfy the prerequisites for tertiary study in that subject. A student must have a secure fundamental grasp of a subject at one level, before proceeding to the next. Remember it is extremely rare for a student to show remarkable improvement in a subject which has been problematic for some time.

**How to decide on the Best Course for You**

1. **Future Needs of Work/Study**
   
   Ensure that you include subjects which you know you need (eg prerequisites), or are likely to need in the future.

2. **Interests**
   
   A good course should allow you to study some subjects for enjoyment as well as those which you need in order to gain entry to tertiary study. The courses offered should be flexible enough to allow you the opportunity to follow some interest areas and keep your options open for future subject choices.

3. **Suitability**
   
   Each student is different and has their own individual strengths and weaknesses. The course you choose should be the one that best suits YOU. Remember: *you and your best friend do not necessarily have the same needs. Choose what YOU need.*

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**Preparing to Select Subjects at all Year Levels**

A number of very important matters need to be considered before selection of subjects is made.

1. **Research** the requirements of your proposed future occupation or course of study.

   The following are possible sources of help:
   
   - SATAC guides – University and TAFE
   - Tertiary Institution Handbooks
   - Career Information available in the Coordinator of Futures’ Office
   - Friends / Relatives / Employers who work in areas that interest you

   **Note:** The most up to date information will be found on the University and TAFE websites.

2. **Read through this document thoroughly**: Read each course offered for your year level. Make sure that you get clarification about any aspect you do not understand. Heads of Learning and Teaching are a wealth of information. You also could check the SACE Board of South Australia website: [www.sace.sa.edu.au](http://www.sace.sa.edu.au).
**Talk** to others.
- Your teachers are in the best position to advise you about your capabilities.
- If you need further information about what a subject involves, talk to the teacher who takes that subject.
- Talk to older / past students about their experiences
- Discuss these matters with your parents.

**Be informed.**
Subject choices may be difficult but must be based on as much information as possible.

In this Senior Curriculum Handbook – Year 10 you will find descriptions of all courses offered to Year 10 Students. Courses have been presented in Faculties (or Groups of Faculties) and a flow chart has been shown for each.

Each student should:
- Examine each flow chart to see where subjects lead and what prerequisites apply at each level.
- Read all courses appropriate to their level.
- Carefully note the prerequisite and/or recommendations contained within each course description.

**Helpful Resources**
The resources of the Coordinator of Future’s office may help students and their parents.

In addition, the following websites may be useful to students when checking prerequisites for courses and general tertiary information.

Helpful links concerning various areas are available:
- Adelaide University – [www.adelaide.edu.au](http://www.adelaide.edu.au)
- Flinders University – [www.flinders.edu.au](http://www.flinders.edu.au)
- University of South Australia’s six campuses – [www.unisa.edu.au](http://www.unisa.edu.au)
- TAFE SA – [www.tafesa.edu.au](http://www.tafesa.edu.au)
- Vocational Education and Training (VET) information – [www.training.vetnetwork.org.au](http://www.training.vetnetwork.org.au) and [www.easc.org.au](http://www.easc.org.au)
- My future – [www.myfuture.edu.au](http://www.myfuture.edu.au)
- What degree, which university – [www.whatdegreewhichuniversity.com](http://www.whatdegreewhichuniversity.com)

It is highly recommended that you contact the Coordinator of Futures’ office if you require further information.
Curriculum Offerings – Year 12

Students entering **Year 12 SACE Stage 2** will choose the equivalent of four full-year subjects for study if they are intending to proceed to tertiary education.

SACE – Stage 2 subject that **may** be offered at Pulteney Grammar School.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Biology</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Drama</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Economics</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>English Communications</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>English Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>English as a Second Language (ESL)</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Geography</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>German</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Information Technology Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Japanese</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Mathematical Applications</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Mathematical Methods</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Mathematical Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Nutrition</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Media Studies</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Modern History</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>* Music</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Outdoor Education</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Physical Education</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Physics</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Psychology</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Specialist Mathematics</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Tourism</td>
<td>20 Credits (full year)</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>20 Credits (full year)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>* Alternative Music Options</th>
<th>Credit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music Individual Study</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Musicianship</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Music in Technology</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Performance Special Study</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Solo Performance</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Composing and arranging</td>
<td>10 Credits</td>
</tr>
<tr>
<td>Ensemble Performance</td>
<td>10 Credits</td>
</tr>
</tbody>
</table>

Students need to select 2 options to equal the 20 credits required.

(Subject offerings will be dependent on student numbers)

Parents and students should be aware of the procedures for entry to South Australia’s tertiary institutions before they make final decisions about subjects in Stage 2. Knowledge of entry requirements for courses and institutions is vital. As entry to the majority of faculties is very competitive, parents and students should undertake research into courses in which they may be interested. Students will have completed some of this research as part of the PLP in Year 10. The careers Counsellor can provide students with further resources for this research if required. Students and parents may wish to explore online resources. A good place to start is [www.jobguide.education.gov.au](http://www.jobguide.education.gov.au), as it not only has a great deal of information but also has links to several related websites.

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Year 7
English (Compulsory)
Full Year

Year 8
English (Compulsory)
Full Year

Year 9
English (Compulsory)
Full Year

Year 10
Critical Film Studies (Elective)
One Semester or Full Year

Year 10
English (Compulsory)
Full Year

Year 11 (Stage 1)
English
Full Year

Year 11 (Stage 1)
Essential English
Full Year

Year 11 (Stage 1)
English as an Additional Language
Full Year

Year 11 (Stage 1)
Media Studies
One Semester or Full Year

Year 11 (Stage 1)
Essential English
Full Year

Year 11 (Stage 1)
English as an Additional Language
Full Year

Year 11 (Stage 1)
Media Studies
Full Year

Year 12 (Stage 2)
English Literary Studies
Full Year

Year 12 (Stage 2)
English
Full Year

Year 12 (Stage 2)
Essential English
Full Year

Year 12 (Stage 2)
English as an Additional Language
Full Year

Year 12 (Stage 2)
Media Studies
Full Year

Notes:

- Year 11s must choose at least one strand of English at Stage 1.
- Students may move to a lower level of English (right to left) midyear or end of year in either Year 10 or Year 11.
- Students selecting a Year 12 subject are expected to complete the full year.
- Please note that in 2016 Stage 1 English will be taught in line with the new SACE Australian Curriculum compliant courses that were accredited in mid-2015. Stage 2 English courses, however, will be taught in accordance with current SACE guidelines in 2016, but will be replaced by the new SACE courses in 2017.
Subject Name: English Studies
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Satisfactory completion of Year 11 (Stage 1). English at a B grade or better is desirable.

Course Description
Learning Requirements
At the end of the programme in English Studies, students should be able to:

- Analyse texts, demonstrating depth of understanding and engagement.
- Identify the structural, conventional, and linguistic features used by authors in constructing texts.
- Understand that the interpretation of texts is influenced by the interplay between what the author presents in the text, the context in which the text was generated, and what the reader, viewer, or listener brings to the text.
- Compare and contrast texts to evaluate the role of sociocultural and situational contexts.
- Use evidence to develop and support critical reasoning in the form of sustained argument.
- Compose texts that engage the interest of the reader, viewer or listener.
- Show critical understanding of how their own texts may be interpreted.
- Express ideas clearly and accurately in a range of appropriate forms and registers.

Content
Text Study
The text study comprises four shared studies and an individual study.

Shared Studies
One film text
At least one extended prose text
At least one written drama text
At least 1000 lines of poetry
A range of short texts

Individual Study
The individual study consists of a two thousand word critical essay based on individually selected texts.

Text Production Study
Students will be given the opportunity to develop and demonstrate creativity and to use language for a range of purposes. The text production study will include written text production and oral text production.

Assessment
School Based Assessment – 70%
- Shared Studies – 30%
- Individual Study – 20%
- Text Production – 20%

External Assessment – 30%
- Examination – 30%
Subject Name: English Communications
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisites: Satisfactory completion of Year 11 (Stage 1) English, or English Pathways.

Course Description
Learning Requirements
At the end of the programme in English Communications students should be able to:

- Show an understanding of the relationship between audience, purpose, and form in a range of communication modes in a number of contexts.
- Identify the language structures and conventions of texts, and the way the language in texts represents ideas, power relationships, values, and interests.
- Clarify and articulate their own ideas and values through critical engagement with texts and language.
- Demonstrate their understanding of the conventions of a variety of textual forms and the purposes to which texts may be put by composing their own texts in a range of forms and modes.
- Compose texts that are relevant to the context and achieve their purpose.
- Show critical awareness of how their own texts may be interpreted or used.

Content Summary
This 2-unit subject consists of:

- A communication study, for which students undertake two tasks based on five categories of communication (one task is a comparative piece, one task is a practical application).
- A text analysis, for which students undertake three tasks (two written and one oral).
- A text production study, for which students undertake three tasks, one supervised.
- A folio, applications of which students undertake three tasks consisting of one response to an example of communication, and one text production with written statement (externally assessed).

Assessment Procedures
Assessment Component 1: Communication (two tasks) – 30%
Assessment Component 2: Text Analysis (three tasks) – 20%
Assessment Component 3: Text Production (three tasks, one supervised) – 20%
Assessment Component 4: Folio (external assessment) – 30%
Subject Name: Media Studies
Level of Study: Year 12 (Stage 2)
Length of Course: Semester or Full Year
Prerequisites: Satisfactory completion of Year 11 (Stage 1) Media Studies preferable but not essential.

Course Description
Stage 2 Media Studies provides students with an opportunity to explore a range of media in Australian and global contexts. Following on from Stage 1 Media Studies, students look at film, documentary, photojournalism, broadcast media, digital media and print media. Through a variety of assessment tasks, students look at issues, techniques and standards in media and are introduced to journalism and communications. Students develop an understanding of the ways in which media provide views of world events, interpretations of the world, and entertainment, as well as acquiring skills in critical thinking and the ability to be discerning when consuming media. Through research, classwork and guest speakers, students have the opportunity to consider how media influences the ways in which people receive and interpret information about the world, explore their own culture and that of others, construct their identity, make economic choices, develop political ideas, and spend their leisure time. They discover where bias is used and for what purpose, as well as how an audience is positioned to receive messages from the author’s perspective.

Students develop media literacy and production skills by critically observing media practice, critically analysing media texts, and creating media products.

Content
Stage 2 Media Studies involves creating media products and analysing media. Students create and examine a range of media texts, thus developing their skills and knowledge, and their understanding of media as symbolic systems.

Students are involved in discussing and analysing current and past media issues, interacting with all forms of media, and creating a range of media products. Students actively engage and interact with media, while learning to make informed choices.

Learning in Media Studies is achieved through a close study of topics selected from the following list taken from the SACE Stage 1 and 2 courses:

- Photojournalism
- Music and Media
- Community Media
- Images of Youth in the Media
- Media Ethics and Regulation
- Creating Media Texts
- Media and Leisure
- Documentaries
- The Internet
- Making the News
- Youth and Media
- Cultural Diversity in Media
- Representations in Media
- Media and The Global Community
- Cult Television/Film
- Television Genres
- Advertising
- Children and Media
- Careers in Media
- Media Audiences

Assessment
The following assessment types enable students to demonstrate their learning in Stage 2 Media Studies:

School Assessment – 70%
- Assessment Type 1: Folio – 30%
- Assessment Type 2: Product – 40%

External Assessment – 30%
- Assessment Type 3: Investigation – 30%

There is no examination in Media Studies at the end of either semester.
Information Technology

Year 7 and Year 8
Information Technology
(Cross Curriculum Integration)

Year 9
Information Technology
(Elective)
Multimedia and Application Tools
Program Development

Year 10
Information Technology Semester 1
(Elective)
*Business Applications
*iPhone App Development
*Web 2.0 Innovations

Year 10
Information Technology Semester 2
(Elective)
*Game Design and Development
*Multimedia Programming
*Algorithms with Raspberry Pi

Year 11 (Stage 1)
Information Technology A
Semester 1
*Networks and Security (Computer Systems)
*Application Development and Programming Principals (Application Programming)

Year 11 (Stage 1)
Information Technology A
Semester 2
*Multimedia Gaming
*Web 2.0 Development (Website Programming)

Year 12 (Stage 2)
Information Technology
*Computer Systems
*Information Systems
*Application Programming
*Multimedia Programming

Notes:
- Year 10 students can participate in practical electronics as an option of the Science curriculum.
- Year 10 students can choose Information Technology as an elective for either one or both semesters.
- Year 11 Information Technology can be chosen by students who have successfully completed Year 10 Electronics, but it is highly recommended that they also complete one or two semesters of Year 10 Information Technology.
- Year 11 Information Technology is highly recommended for Year 12 Information Technology.
Subject Name: Information Technology
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Preferred study of Year 11 (Stage 1) Information Technology is desirable but not essential as bridging materials are available before course commencement.

Course Description
Students will develop an understanding of computer-based systems and the role they play in supporting efficient and effective use of technology. They will learn about how computers work, how people use computers to communicate, and how to develop software solutions that meet the needs of individuals, organisations, and communities. Students will develop and construct real world solutions using dynamic website languages and online Relational Databases. The course delivers theoretical concepts through practical solutions, consisting of blended learning opportunities and flipped classroom pedagogy.

Learning Outcomes
At the end of the programme in Stage 2 Information Technology Studies students should be able to:
- Apply and use information technology concepts with appropriate terminology
- Explain how data is represented and transferred in computer-based systems
- Apply skills and concepts to manipulate and process data to produce components involving complex processes
- Apply information technology knowledge, skills and problem solving techniques, to create and document user-friendly, reliable, and accurate systems
- Critically analyse the responsibilities of the developer of systems
- Critically analyse and discuss ethical use, and social impact on individuals and society, of current and potential computer-based systems/technologies

Content Summary
Stage 2 Information Technology is organised into the two compulsory core topics:
- Information Systems
- Computer and Communication Systems
And two option topics:
- Relational Databases
- Dynamic Website

Assessment Procedures
School-based Assessment – 70%
- Assessment Type 1: Folio – 20%
- Assessment Type 2: Three Skills and Applications Tasks – 30%
- Assessment Type 3: Single Project – 20%

External Assessment – 30%
LANGUAGES

Year 7
Japanese or German
Introductory
(Compulsory)
Full Year

Year 8
Japanese or German
(Compulsory)
Full Year

Year 9
Cont. Year 8 Subject
(Compulsory)
Full Year

Year 10
Japanese or German (Cont. Middle School Choice)
(Elective)
Full Year

Year 11 (Stage 1)
Japanese or German
(Elective)
Full Year

Year 12 (Stage 2)
Japanese or German
(Elective)
Full Year
Subject Name: German
Level of Study: Year 1 (Stage 2)
Length of Course: Full Year
Prerequisite: Year 11 (Stage 1) German with a satisfactory level of achievement

Course Description
This SACE Stage 2 German Continuers programme aims to equip the students with skills to meet the externally and internally assessed requirements of the course. It reinforces skills learned in earlier years and seeks to extend the students’ ability to communicate effectively in the German language, to impart a greater understanding of the German culture and to enhance their understanding of the relationship between language, culture and identity.

Learning Requirements
In this subject, students are expected to develop and apply linguistic and intercultural knowledge, understanding, and skill to
- Interact with others to exchange information, ideas, opinions and experiences in German
- Create texts in German to express information, feelings, ideas, and opinions
- Analyse texts that are in German to interpret meaning
- Examine relationships between language, culture, and identity, and reflect on the ways in which culture influences communication

Content Summary
Stage 2 German is organised around the below listed prescribed topics. The topics will be covered across Stage 1 and Stage 2 and will extend students ability to communicate meaningfully in German.

Topics covered will vary from year to year but are to be chosen from the following
- Personal Identity
- School and Aspirations
- Leisure and Lifestyles
- People and Places
- Past and Present
- Arts and Entertainment
- The World of Work
- Youth Issues
- Tourism and Hospitality

Assessment Procedures
School-based Assessment – 70%
- Assessment Type 1: Folio – 50%
- Assessment Type 2: In Depth Study – 20%

External Assessment – 30%
- Assessment Type 3: Examination (Oral/Written) – 30%
Subject Name: Japanese  
Level of Study: Year 12 (Stage 2)  
Length of Course: Full Year  
Prerequisite: Successful completion of Year 11 (Stage 1) Japanese

Course Descriptions
This Stage 2 course is selected to ensure the students experience the language in varied forms and meet each of the learning outcomes successfully. The three prescribed themes of Stage 1 Japanese are as in Stage 2.

- The Individual
- The Japanese-speaking Communities
- The Changing World

The topics covered are extended and also include an In-Depth Study on a cultural aspect in both Japanese and English. A Stage 2 Japanese student enhances their communication skills, broadens their employment prospects and thinks positively about other cultures in a more intellectual and stimulating manner.

Learning Requirements
At the end of the programme in Japanese at continuers level, students should be able to

- Exchange information, opinions, and experiences in Japanese
- Express ideas through the production of original texts in Japanese
- Analyse, process, and respond to texts that are in Japanese
- Understand aspects of the language and culture of Japanese-speaking communities

Content Summary
Under the three prescribed themes the following topics and sub-topics will be covered. Living in Japan – weather, leisure, hobbies, Visiting Japan – home-stay experience, travelling, tourist and cultural attractions and Establishing Relationships – meeting people and gift giving.

Each of these topics and sub-topics will be supported by a series of texts covering vocabulary, characters and grammatical exercises. An In-Depth Study on a topic of student choice will be undertaken and will include an oral presentation and a written response in both English and Japanese.

The oral component of the course covers the topic of the student’s personal world eg life, family, friends, interests and aspirations. Listening, reading and writing tasks complete the course work.

Assessment Procedures
School-based Assessment – 70%

- Assessment Type 1: Folio – 50%
- Assessment Type 2: In Depth Study – 20%

External Assessment – 30%

- Assessment Type 3: Examination (Oral/Written) – 30%
MATHEMATICS

Year 7 Mathematics (Compulsory) Full Year

Year 8 Mathematics (Compulsory) Full Year

Year 9 Mathematics (Compulsory) Full Year

Year 10 Mathematics Full Year
and 10A Mathematics* (Elective) Semester

Year 11 (Stage 1) Specialist Mathematics and Mathematical Methods ** Full Year
Year 11 (Stage 1) Mathematical Methods Full Year
Year 11 (Stage 1) General Mathematics Full Year
Year 11 (Stage 1) Essential Mathematics Full Year

Year 12 (Stage 2) Specialist Mathematics and Mathematical Methods ** (Elective) Full Year
Year 12 (Stage 2) Mathematical Methods (Elective) Full Year
Year 12 (Stage 2) General Mathematics (Elective) Full Year
Year 12 (Stage 2) Essential Mathematics (Elective) Full Year

Notes:
* 10A Mathematics is not compulsory for the study of Specialist Mathematics but is strongly recommended.
**Mathematical Methods can be studied as a single subject; however, Specialist Mathematics is designed to be studied together with Mathematical Methods.

- Year 11s must choose at least one strand of Mathematics at Stage 1.
- Students may move to a lower level of Mathematics (left to right) midyear or end of year in either Year 10 or Year 11.
- Students selecting a Year 12 subject are expected to complete the full year.
- Please note that in 2016 Stage 1 Mathematics will be taught in line with the new SACE Australian Curriculum compliant courses that were accredited in mid-2015. Stage 2 Mathematics courses, however, will be taught in accordance with current SACE guidelines in 2016, but will be replaced by the new SACE courses in 2017 (shown above). If you have any questions regarding this, please see Head of Mathematics.
New structure for Stage 1 and Stage 2 Mathematics for the Australian Curriculum.

Subjects are listed in order of decreasing difficulty.

<table>
<thead>
<tr>
<th>Current Subjects</th>
<th>New Subjects</th>
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<tbody>
<tr>
<td>Specialist Mathematics</td>
<td>Specialist Mathematics</td>
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<tr>
<td>Mathematical Studies</td>
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<tr>
<td>Mathematical Methods</td>
<td>General Mathematics</td>
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<td>Mathematical Pathways *</td>
<td></td>
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</tbody>
</table>

* Not offered at Pulteney

Under the new structure, each subject is a 4 unit subject, one unit per semester at each of Stage 1 and Stage 2.

Subjects are structured such that students can opt out, or move to an easier option, at the end of each semester.

* **Essential Mathematics** focuses on using mathematics to make sense of the world. **General Mathematics** is designed for students who wish to undertake further studies where mathematics knowledge facilitates problem solving and decision making. **Mathematics Methods** is designed for students with an interest in mathematics and whose future paths may involve mathematical studies at university. **Specialist Mathematics** is to be taken in conjunction with **Mathematical Methods** and is designed for students with a strong interest in mathematics.

These subjects will be introduced to Stage 1 in 2016 and Stage 2 in 2017.
Subject Name: Mathematical Studies
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Successful completion of Year 11 (Stage 1) Mathematical Studies

Course Description
Learning Requirements:
At the end of the programme in Mathematical Studies, students should be able to
- Use mathematics as a tool to analyse data and other information elicited from the study of situations taken from social, scientific, economic, or historical contexts
- Understand fundamental concepts, demonstrate mathematical skills, and apply routine mathematical procedures
- Think mathematically by posing questions, making and testing conjectures, and looking for reasons that explain the results of the mathematics
- Make informed and critical use of electronic technology to provide numerical results and graphical representations, and to refine and extend mathematical knowledge
- Communicate mathematically, and present mathematical information in a variety of ways
- Work both individually and cooperatively in planning, organising, and carrying out mathematical activities.

Content Summary
- Geometry
- Polynomial Algebra
- Differential Calculus
- Integral Calculus
- Matrices
- Exponential and logarithmic functions
- Statistics and Distributions

Assessment Procedures
| Skills and Application tasks (tests etc.) | 45% |
| Portfolio | 25% |
| Final Examination | 30% |

Career Path
Students who want to enter areas such as architecture, economics, and biological, environmental, geological, and agricultural sciences should study this subject. And in conjunction with Specialist Mathematics it will provide students with pathways into university courses such as mathematical sciences, engineering, computer sciences, physical sciences, and surveying.

*The new Australian Curriculum for Senior Years will begin at Stage 1 in 2016 and progress to Stage 2 in 2017
Subject Name: Mathematical Methods
Level of Study: Year 12 (Stage 2)
Length of Course: Semester 2
Prerequisite: Full Year

Course Description
Learning Requirements:
At the end of the programme in Mathematical Methods students should be able to
- Plan courses of action after using mathematics to analyse data and other information elicited from the study of situations taken from social, scientific, economic, or historical contexts
- Understand fundamental concepts, demonstrate mathematical skills, and apply routine mathematical procedures
- Think mathematically by posing questions, making and testing conjectures, and looking for reasons that explain the results of the mathematics
- Make informed and critical use of electronic technology to provide numerical results and graphical representations, and to refine and extend mathematical knowledge
- Communicate mathematically, and present mathematical information in a variety of ways
- Work both individually and cooperatively in planning, organising, and carrying out mathematical activities

Content Summary
(Similar to Mathematical Studies)
- Working with Statistics
- Algebraic Models from Data – Working with Observations
- Calculus – Describing Change
- Linear Models – Managing Resources

Assessment Procedures
Skills and Application tasks (tests etc.) 45%
Portfolio (of investigations) 25%
Final Examination 30%

Career Path
The successful study of Mathematical Methods can provide pathways into university courses in accounting, management, computer studies, health sciences, business, commerce and psychology.

*The new Australian Curriculum for Senior Years will be introduced to Stage 2 in 2017*
Subject Name: Mathematical Applications
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Successful completion of Year 11 (Stage 1) Mathematical Applications or Mathematical Studies

Course Description
Learning Requirements:
At the end of the programme in Mathematical Applications, students should be able to
- Demonstrate an understanding of mathematical concepts, relationships, terminology, and language
- Identify, collect, and organise mathematical information relevant to investigating and solving problems
- Recognise and apply appropriate mathematical strategies, techniques, and algorithms
- Interpret results, draw conclusions, and reflect on the reasonableness of these in the context of a problem
- Communicate mathematical reasoning and ideas to a variety of audiences by using appropriate representations
- Appreciate the relevance of Mathematics in a personal, community, global, or historical context
- Make informed and effective use of electronic technology and information technology to aid and enhance the investigation of mathematical ideas and the solution of mathematical problems
- Work both individually and cooperatively in planning, organising, and carrying out mathematical activities

Content Summary
4 topics will be studied from the following list (2 per semester)
- Applied Geometry
- Investment and Loans
- Mathematics and Small Business
- Matrices
- Optimisation
- Statistics and Working with Data
- Share Investments

Assessment Procedures
Each semester will be assessed separately with two topics studied per semester. Assessment will be based on skills and application tasks (total 30%), a portfolio of investigations (40%) and an external examination (30%)

Career Path
Students who want to learn Mathematics with an emphasis on practical applications should study this subject. Programmes in this subject lead to courses in, for example, building and construction, aquaculture, agriculture, retail, office management, visual arts, engineering trades, small business, tourism and hospitality, and nursing and paramedical areas.

*The new Australian Curriculum for Senior Years will be introduced to Stage 2 in 2017
Subject Name: Specialist Mathematics
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Successful completion of Year 11 (Stage 1) Mathematical Studies A and B and Specialist Mathematics

Course Description
Learning Requirements:
At the end of the programme in Specialist Mathematics, students should be able to
- Practice mathematics by analysing data and any other relevant information elicited from the study of situations taken from social, scientific, economic, or historical contexts
- Understand fundamental concepts, demonstrate mathematical skills, and apply mathematical procedures in routine and non-routine contexts
- Think mathematically through inquiry, evaluation, and proof
- Make informed and critical use of electronic technology to provide numerical results and graphical representations, and to refine and extend mathematical knowledge
- Communicate mathematically, and present mathematical information in a variety of ways
- Work both individually and cooperatively in planning, organising, and carrying out mathematical activities

Content Summary
- Trigonometric Preliminaries
- Polynomials and complex numbers
- Vectors and Geometry
- Calculus
- Differential Equations

Assessment Procedures
Skills and Application tasks (tests etc.) 45%
Portfolio (of investigations) 25%
Final Examination 30%

*The new Australian Curriculum for Senior Years will be introduced to Stage 2 in 2017*
PERFORMING ARTS - DRAMA

Year 7
Drama
(Compulsory)
Full Year

Year 8
Drama
(Compulsory)
Full Year

Year 9
Drama
(Elective)
Semester or Full Year

Year 10
Drama
(Elective)
Semester or Full Year

Year 11 (Stage 1)
Drama
(Elective)
Semester or Full Year

Year 12 (Stage 2)
Drama
(Elective)
Full Year

Notes:
- At this stage there is no prerequisite for Year 10, Year 11 or Year 12 Drama, but studying Senior Drama prior to Year 12 provides a strong advantage and is highly recommended.

Rationale of Drama at Pulteney
Drama is not simply for those who wish to pursue a career in theatre, media or film industries. The life skills we aim to explore in Drama at Pulteney include communication, collaboration, event management, creativity and independence. Students with an English focus will find Drama complements the English curriculum, reinforcing a range of literacies through enjoyable performance experiences and practical activities.
Subject Name: Drama  
Level of Study: Year 12 (Stage 2)  
Length of Course: Full Year  
Prerequisite: None (Stage 1 Drama and/or Stage 1 English is recommended)

In Stage 2 Drama students acquire the skills and understanding to generate creative and imaginative solutions to the challenge of staging theatrical works. They explore all forms of learning integrating the creative physical and intellectual, and analyse texts, performances, and their own learning.

Course Description
Learning Requirements
In this subject, students are expected to
- Develop, communicate, and apply knowledge and skills in conceiving, developing, creating, interpreting, evaluating, and presenting dramatic works
- Demonstrate and communicate knowledge and understanding of the theories, concepts, skills, techniques, and technologies of drama
- Responding to performed drama and dramatic texts in an analytical and reflective manner, using arts-specific terminology
- Work both independently and collaboratively to achieve dramatic outcomes
- Apply knowledge, understanding, and analysis of the interdependent nature of drama and dramatic elements
- Investigate, integrate, analyse, and evaluate information, concepts, and ideas to communicate for dramatic purposes
- Communicate and articulate ideas to an audience, through a variety of forms and methods

Content Summary
The learning areas include
- Presentation of dramatic works – students take part in a play, as a performer, a designer, a stage manager etc OR students carry out an individual performance or presentation
- Review and reflection – a folio that includes – a report of the student’s involvement in the play or individual project AND reviews of live or recorded performances attended
- Interpretative study – an INDIVIDUAL in-depth study of a play, in which the student looks at a specific play-script and plans how they would design, direct or act in it OR a study of a dramatic innovator – a writer, director, designer, performer etc
- Group analysis and creative interpretation – a GROUP study of a play or a dramatic innovator, culminating in a practical presentation

Assessment
For a 10-credit subject, students take part in
- Review and Reflection
- Interpretative Study
- Presentation of Dramatic Works
For a 20-credit subject, the students take part in
- Group Analysis and Creative Interpretation
- Review and Reflection
- Interpretive Study
- Presentation of Dramatic Works

All assessments are moderated internally with the exception of the Group Performance, which is externally moderated by the SACE Board of South Australia.
PERFORMING ARTS - MUSIC

Year 7
Music
(Compulsory)
Full Year

Year 8
Music
(Compulsory)
Full Year

Year 9
Music
(Elective)
Semester or Full Year

Year 10
Music
(Elective)
Semester or Full Year

Year 11 (Stage 1)
Music Advanced
(Elective)
Semester or Full Year

Year 11 (Stage 1)
Music Experience
(Elective)
Semester or Full Year

Year 12 (Stage 2)
Music*
(Elective)
Full Year

Notes:
* Music at Year 12 (Stage 2) has 7 elective units (10 credits per unit). Discussion and consultation with the Head of Music is essential when choosing units. Not all units may be offered in any given year and this is dependent on student interests and staff expertise.

Units include:
- Musicianship
- Music Technology
- Individual Study
- Ensemble Performance
- Solo Performance
- Performance Special Study
- Composing and Arranging
Subject Name: Musicianship
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Understand and use musical notation and terminology
- Demonstrate an understanding of the relationship between theoretical notation and sound
- Recognise and identify rhythm, pitch, tonality and harmony
- Harmonise short melodies appropriate to the style
- Create and develop an arrangement writing appropriately for instruments and/or voices
- Present a score and a recording of an arrangement

These learning requirements from the basis of the

- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
*Theory, Aural recognition and Musical techniques:* Study of chords, scales, intervals, chord progressions, melodic and rhythmic patterns, theoretical and aural aspects

*Harmony:* To harmonise one tonal melody in a major key of 6 to 8 bars in keyboard style and create a countermelody

Students learn to alter a given skeleton harmonic structure by including at least two examples of chord substitution and at least two examples of an extension to the seventh. Students then invent a countermelody. Students are also required to transpose a small fragment of the melody for a transposing instruments

*Arranging:* To complete two assessments – an arrangement and a statement

Students create an arrangement of a melody of their choice taken from the existing repertoire (not created by the student), and write a statement of a maximum of 200 words describing the musical intention of, and the ideas in, the arrangement

Assessment Procedures
School-based Assessment – 70%
- Assessment Type 1: Skills Development – 30%
- Assessment Type 2: Arrangement – 40%

External Assessment – 30%
- Assessment Type 3: Examination – 30%

Students should provide evidence of their learning through five assessments, including the external assessment component. Students undertake

- Two skills development assessments
- One arrangement and a statement
- One examination

During the course of study students will complete tests designed to assess their skill development in theory, aural, musical techniques and harmony. The teacher will nominate two of these tests, the marks of which will be submitted for moderation. Each test will be weighted at 15%
Subject Name: Music Technology
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
- Demonstrate an understanding of basic acoustics, recording equipment, digital and/or analogue signals, and signal processing
- Demonstrate knowledge of recording or sequencing
- Demonstrate skills when applying music technology
- Communicate the processes used in recording and/or sequencing
- Develop skills of aural analysis
- Demonstrate creativity in the use of music technology

These learning requirements from the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
Students will study a selection of the following topics including one of the option topics

Suggested Core Topics
- Acoustics
- The Mixing Console
- Microphones
- Digital Audio Basics
- Signal Processing
- Aural Analysis

Suggested Option Topics
- MIDI
- Recording Process
- The Loops and Waves

Assessment Procedures
Evidence of Learning: the following assessment types enable students to demonstrate their learning in Stage 2 Music Technology

School-based Assessment – 70%
- Assessment Type 1: Folio of Minor Projects – 70%

External Assessment – 30%
- Assessment Type 2: Major Project – 30%

Students should provide evidence of their learning through six assessments, including
- Five minor projects with commentary for the folio
- One major project with commentary
Subject Name: Performance Special Study
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
This unit is for advanced performers. Students need to be having individual weekly instrumental/vocal lessons and need to allocate approximately 45 minutes every day for practising.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
- Present a performance of approved work(s) (ie an extended work, selected movements from an extended work, or a folio of related works or syntactically linked works)
- Demonstrate accuracy, musical skills, and technique as a performer
- Demonstrate musicianship in interpretation by presenting a musically sensitive performance of approved work(s)
- Engage a public audience
- Use analytical skills to determine and describe the structure of the approved work(s)

These learning requirements form the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement described in the performance standards

Content Summary
- Performance of an approved work – students must prepare an approved work, ie an extended work, or a folio of related works of at least 12-15 minutes duration
- Commentary and annotated analysis of the score

Assessment Procedures
Evidence of Learning: the following assessment types enable students to demonstrate their learning in Stage 2 Performance Special Study
School-based Assessment – 70%
- Assessment Type 1: First Performance – 20%
- Assessment Type 2: Second Performance – 30%
- Assessment Type 3: Commentary – 20%
External Assessment – 30%
- Assessment Type 4: Final Performance – 30%
Students should provide evidence of their learning through four assessments, including the external assessment component.
Subject Name: Solo Performance
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
This unit is suited to competent practical musicians. Students need to be having individual weekly lessons in their instrument or voice and need to allocate approximately 45 minutes every day for practicing.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
- Demonstrate accuracy, musical skills, and technique as a solo performer
- Present repertoire of contrasting works for instrument or voice
- Demonstrate musicianship in interpretation by presenting musically sensitive performances
- Engage a public audience

These learning requirements from the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
Performance – students must prepare a programme of contrasting works lasting a minimum of 18 minutes for public performance throughout the year

Students must pay attention to
Aspects of interpretation (dynamics, tempo, fluency, rhythm, intonation)
Aspects of technique (tone, breath control, bowing, accuracy of pitch and rhythm, etc)

Assessment Procedures
Evidence of Learning: the following assessment types enable students to demonstrate their learning in Stage 2 Solo Performance
School-based Assessment – 70%
- Assessment Type 1: Final Performance (7-9 minutes) – 30%
- Assessment Type 2: Second Performance (8-11 minutes) – 40%
External Assessment – 30%
- Assessment Type 3: Final Performance (10-12 minutes) – 30%

Students should provide evidence of their learning through three assessments, including the external assessment component.
Subject Name: Composing and Arranging
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Compose and/or arrange music in a variety of styles
- Complete and record a range of compositions and/or arrangements
- Demonstrate effective, imaginative, and creative use of composing and/or arranging techniques
- Present scores using traditional, non-traditional, or contemporary notation as appropriate
- Analyse the use of composing and/or arranging techniques in their work
- Communicate ideas about music

These learning requirements from the basis of the

- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
Folio: Students need to prepare a folio of a minimum of 3 works which may be any combination of original compositions and arrangements. The major work must be for a minimum of three instruments and must be between 3 – 5 minutes. Students must show a grasp of arranging techniques and show an understanding of form, structure and style. Commentary: Presentation of an oral or written commentary on all their completed works. Oral commentary may be up to 5 minutes and written commentary up to 750 words.

Assessment Procedures
School-based Assessment – 70%
- Assessment Type 1: Folio of Minor Works – 70%
External Assessment – 30%
- Assessment Type 2: Major Work and Commentary – 30%
Students should provide evidence of their learning through three, four, or five assessments.
- Two, three, or four minor works with commentary for the folio
- One major work with analysis
Subject Name: Ensemble Performance
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
This course suits students who may have good practical skills but are not necessarily strong in theory

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
- Demonstrate confidence as an ensemble performer
- Present a repertoire of contrasting works or an extended work with a number of contrasting sections for instrument or voice
- Demonstrate accuracy, musical skills and technique as an ensemble performer
- Demonstrate musicianship in interpretation by performing musically a range of works to a public audience
- Contribute to the cohesiveness of and demonstrate musical rapport within the ensemble to engage the audience

These learning requirements from the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
Performance: Students are to work within an ensemble (preferably school-based) and must prepare for public performance, a programme of 20 minutes. The programme must contain works of contrasting character and students must give attention to
- Aspects of interpretation
- Aspects of technique
- Ensemble techniques (intonation, balance)
- Structure of the work and its historical and social background

Assessment Procedures
Evidence of Learning: the following assessment types enable students to demonstrate their learning in Stage 2 Solo Ensemble Performance
School-based Assessment – 70%
- Assessment Type 1: First Performance – 30%
- Assessment Type 2: Second Performance – 40%
External Assessment – 30%
- Assessment Type 3: Final Performance – 30%

Students should provide evidence of their learning through three assessments, including the external assessment component.
Subject Name: Music Individual Study
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year - 10 credit unit
Prerequisite: Successful Completion of Year 11 (Stage 1) Music Advanced

Course Description
This unit has been designed for the student who has a great deal of personal motivation and initiative. Students should enrol in this unit only if they have a particular project or skill that they wish to pursue.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
- Demonstrate skills to plan, negotiate, and implement an individual study
- Demonstrate and/or apply musical skills and/or understanding
- Demonstrate effective use of resources, initiative, and critical analysis and thinking
- Demonstrate regular review of the process, implement changes as required, and flexibly adapt goals
- Demonstrate evaluation skills

These learning requirements from the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement describe in the performance standards

Content Summary
This unit consists of an individual project (70%) which may take a variety of formats eg lecture, video, performance.
Topics that may be studied include
- Conducting
- Music of Other Cultures
- Musical Instrument Construction

This is a School-Based Assessment Folio (30%) Product (40%). Accompanying this must be a report (30%) which documents the process. The written entries can be accompanied by other documentation methods such as
- Audio/Video Tape
- Models
- Still Photos
The report should consist of two parts
- Documentation of Skills
- Evaluation

Assessment Procedures
Evidence of Learning: the following assessment types enable students to demonstrate their learning in Stage 2 Solo Performance
School-based Assessment – 70%
- Assessment Type 1: Folio – 30%
- Assessment Type 2: Product – 40%
External Assessment – 30%
- Assessment Type 3: Report – 30%
Students should provide evidence of their learning through three assessments, including the external assessment component.
HEALTH AND PHYSICAL EDUCATION

Year 7
Physical Education
(Compulsory)
Full Year

Year 8
Physical Education
(Compulsory)
Full Year

Year 9
Physical Education
(Compulsory)
Semester or Full Year

Year 10
Physical Education
(Compulsory)
Full Year

Year 10 (Stage 1)
Outdoor Education
(Elective)
Semester

Year 11 (Stage 1)
Physical Education
(Elective)
Semester or Full Year

Year 11 (Stage 1 or Stage 2)
Outdoor Education
(Elective)
Semester or Full Year

Year 12 (Stage 2)
Physical Education
(Elective)
Full Year

Year 12 (Stage 2)
Integrated Learning
(Sport/Coaching Program)
(Elective)
Full Year

Year 12 (Stage 2)
Outdoor Education
(Elective)
Full Year

Notes:
- Year 12 students are able to study Stage 2 Physical Education and Stage 2 Integrated Learning having preferably studied Stage 1 Physical Education
- Stage 1 Outdoor Education can be chosen at either Year 10 or Year 11 and Stage 2 Outdoor Education can be selected at either Year 11 or Year 12, preferably with Stage 1 Outdoor Education studied the year prior.
Subject Name: Integrated Learning (Sport/Coaching Program)
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Year 10 and Year 11 Physical Education preferred

Course Description

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Develop and apply knowledge, concepts, and skills to achieve a purpose
- Investigate and analyse concepts, ideas, and skills from different perspectives, using a variety of sources
- Work collaboratively with others
- Demonstrate self-awareness in reflecting on, an devaluing, learning
- Communicate ideas and informed opinions
- Develop and understand connections between the program focus and the capability in a chosen key area of study

These learning requirements form the basis of the
- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement described in the performance standards

Content Summary

At Stage 2, students can complete up to 40 credits of Integrated Learning by undertaking one or a combination of two or more of the following

- Integrated Learning I (10 credits or 20 credits)
- Integrated Learning II (10 credits or 20 credits)

Integrated Learning I
For Integrated Learning I, the key areas of study are

- Learning (Key Area 1)
- Citizenship (Key Area 2)
- Personal Development (Key Area 3)

For a 10-credit subject, students undertake one or two of these key areas of study. For a 20-credit subject, students undertake two or all three of these key areas of study.

Integrated Learning II
For Integrated Learning II, the key areas of study are

- Learning (Key Area 1)
- Work (Key Area 4)
- Communication (Key Area 5)

For a 10-credit subject, students undertake one or two of these key areas of study. For a 20-credit subject, students undertake two or all three of these key areas of study.

Program Focus

Listed below are some suggested starting points for designing a program focus, which is decided by the teacher or by the teacher in consultation with students. The list is neither prescriptive nor exhaustive. Suggestions include

- Outdoor Activities
- Integrated Health and Well-Being Programs
- Fitness and Physical Activity
- Sports/Coaching Programs
- Health-Related Programs
- Health and Lifestyle
Assessment Scope and Requirements
The following assessment types enable students to demonstrate their learning in Stage 2 Integrated Learning.

School-based Assessment – 70%
- Assessment Type 1: Practical – 30%
- Assessment Type 2: Group Activity – 20%
- Assessment Type 3: Folio and Discussion – 20%

External Assessment – 30%
- Assessment Type 4: Project – 30%
Subject Name: Physical Education
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: None – completion of Year 11 (Stage 1) highly recommended. A good level of physical fitness is an advantage

Course Description
In Physical Education, students study human physical activity and its place in the lives of individuals and groups of people. Students examine the practical application of human physical skills and analyse the personal, community, and global issues that surround the role of human physical activity in society.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Achieve a level of proficiency in performance of physical activities with reference to specific skill criteria
- Critically analyse, and evaluate the personal, community, and/or global implications of physical activity
- Demonstrate knowledge and understanding of exercise physiology and biomechanics of movement and skills acquisition
- Demonstrate knowledge and understanding of physical education concepts relevant to physical activities
- Apply and reflect on principles and issues related to physical performance and activity and skills acquisition
- Demonstrate initiative, self-reliance, collaborative skills, leadership, and effective interpersonal skills

These learning requirements form the basis of the

- Learning scope
- Evidence of learning that students provide
- Assessment design criteria
- Levels of achievement described in the performance standards

Content Summary

Practical Skills and Applications
- Centrally developed practical 1
- Centrally developed practical 2
- Centrally developed practical 3

Principles and Issues
- Exercise Physiology and Physical Activity
  - Key Concept 1: The Sources of Energy Affecting Physical Performance
  - Key Concept 2: The Effects of Training and Evaluation on Physical Performance
  - Key Concept 3: The Specific Physiological Factors Affecting Performance
- Acquisition of Skills and the Biomechanics of Movement
  - Key Concept 1: Skills Acquisition
  - Key Concept 2: Specific Factors Affecting Learning
  - Key Concept 3: The Effects of Psychology of Learning of the Performance of Physical Skills
  - Key Concept 4: The Ways in which Biomechanics Improve Skilled Performance
Assessment Scope and Requirements
The following assessment types enable students to demonstrate their learning in Stage 2 Physical Education
School-based Assessment – 70%
  • Assessment Type 1: Practical – 50%
  • Assessment Type 2: Folio – 20%
External Assessment – 30%
  • Assessment Type 3: Examination – 30%
Subject Name: Outdoor Education
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Stage 1 Outdoor Education

Course Description
Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
• Demonstrate skills in planning and implementing human-powered outdoor journeys, or journey that use natural forces
• Demonstrate knowledge and skills in evaluating and communicating information about the natural environment and outdoor journeys in a variety of ways and contexts
• Demonstrate independence, self-reliance, leadership, and a sense of responsibility towards other people in a natural environment
• Evaluate, choose, and apply personal and group risk management practices
• Identify and apply the appropriate skills to minimise the impact of human-powered journeys, or journeys that use natural forces, on fragile natural environments
• Investigate, critically analyse, and reflect on the activities and strategies needed to achieve the sustainable use of natural environments

These learning requirements form the basis of the
• Learning scope
• Evidence of learning that students provide
• Assessment design criteria
• Levels of achievement described in the performance standards

Content Summary
Stage 2 Outdoor Education subject consists of the following six topics
• Environmental studies
• Planning and management practices
• Outdoor journeys
• Sustainable environmental practices
• Leadership and planning
• Self-reliant expedition

Assessment Scope and Requirements
The following assessment types enable students to demonstrate their learning in Stage 2 Outdoor Education
School-based Assessment – 70%
• Assessment Type 1: Folio – 20%
• Assessment Type 2: Group Practical – 30%
• Assessment Type 3: Individual Practical – 20%
External Assessment – 30%
• Assessment Type 4: Investigation – 30%
Year 7 Science (Compulsory) Full Year

Year 8 Science (Compulsory) Full Year

Year 9 Science (Compulsory) Full Year

Year 10 Science (Compulsory) Full Year

Year 10 Extension Science (Elective) Semester or Full Year

Year 11 (Stage 1) Chemistry (Elective) Semester or Full Year

Year 11 (Stage 1) Biology (Elective) Semester or Full Year

Year 11 (Stage 1) Psychology (Elective) Semester or Full Year

Year 11 (Stage 1) Physics (Elective) Semester or Full Year

Year 12 (Stage 2) Chemistry (Elective) Full Year

Year 12 (Stage 2) Biology (Elective) Full Year

Year 12 (Stage 2) Physics (Elective) Full Year

Year 12 (Stage 2) Psychology (Elective) Full Year

Year 12 (Stage 2) Nutrition (Elective) Full Year

Notes:
- Year 11 (Stage 1) students may change subjects after 1 semester but in Physics and Chemistry a satisfactory pass of Semester 1 in the subject is a prerequisite for Semester 2 in those subjects.
- Year 11 (Stage 1) Chemistry is a prerequisite for Year 12 (Stage 2) Chemistry
- Year 11 (Stage 1) Physics is a prerequisite for Year 12 (Stage 2) Physics
- Any Year 11 (Stage 1) science subject can be a prerequisite for Biology, Nutrition and Psychology.
Subject Name: Biology  
Level of Study: Year 12 (Stage 2)  
Length of Course: Full Year  
Prerequisite: It is expected that students will have satisfactorily studied at least one science subject at Year 11 (Stage 1) level

**Course Description**
The basic philosophy is that Biology is not simply a body of established knowledge concerned with living organisms, but that it is part of an overall scientific process of inquiry into the living world. It should provide students with factual information, to help them develop informed opinions on socially relevant issues related to biology and biotechnology.

**Learning Requirements**  
In this subject, students are expected to  
- Identify and formulate question, hypotheses, concepts, and purposes that guide biological investigations  
- Design and conduct individual and collaborative biological investigations  
- Manipulate apparatus and use technological tools and numeracy skills to obtain, represent, analyse, interpret, and evaluate data and observations from biological investigations  
- Select and critically evaluate biological evidence from different sources and present informed conclusions and personal views on social, ethical, and environmental issues  
- Communicate their knowledge and understanding of biological concepts using appropriate biological terms and conventions  
- Demonstrate and apply biological knowledge and understanding of concepts and interrelationships to a range of contexts and problems, including by present alternative explanations

**Content Summary**  
The Course includes a core knowledge which consists of four themes  
- Macromolecules (DNA, Protein Synthesis and Enzymes, Genetic Engineering)  
- Cells (Structure, Energy, Cell Division, Cloning)  
- Organism (Organs, Co-ordination, Exchange Surface, Cell Division, Energy and Life Style)  
- Ecosystems (Populations, Energy, Natural Selection, Effects of Humans)

**Assessment Procedures**  
The final SACE Board of South Australia score in Biology is determined as follows

- Investigations Folio (School-based) – 40%  
  - Practical Work  
  - Issue Investigation  
- Skills and Applications Tasks (School-based) – 30%  
  - Written Tests  
- Examination (Externally Assessed in November) – 30%
Subject Name: Chemistry
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Successful completion of Year 11 (Stage 1) Chemistry (B level or higher is desirable)

Course Description
Learning Requirements
In this subject, students are expected to
- Demonstrate and apply knowledge and understanding of chemical concepts and interrelationships
- Formulate questions, manipulate apparatus, record observations in practical chemical activities, and design and undertake chemistry investigations
- Demonstrate an understanding of how knowledge of chemistry can be used to make informed conclusions or decisions, taking into account social and environmental contexts
- Critically analyse and evaluate chemical information and procedures from different sources
- Communicate in a variety of forms using appropriate chemical terms and conventions
- Develop possible solutions to a variety of problems in chemistry in new or familiar contexts

Content Summary
This subject consists of the following six compulsory topics
- Topic 1: Elemental and Environmental Chemistry
- Topic 2: Analytical Techniques
- Topic 3: Using and Controlling Reactions
- Topic 4: Organic and Biological Chemistry
- Topic 5: Materials

Assessment Procedures
The final SACE Board of South Australia score in Chemistry is determined as follows

Investigations Folio (School-based) – 40%
- Practical Work
- Issue Investigation

Skills and Applications Tasks (School-based) – 30%
- Written Tests
- Written Assignments
- Practical Tests

Examination (Externally Assessed in November) – 30%
Subject Name: Physics
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Successful completion of Year 11 (Stage 1) Physics (B level or higher is desirable)

Course Description
Learning Requirements
In this subject students are expected to
- Identify and formulate questions, hypotheses concepts, and purposes that guide investigations in physics
- Design and conduct collaborative and individual investigations in Physics using appropriate apparatus and safe working practices and by observing, recording and interpreting the phenomena of physics
- Represent, analyse, interpret and evaluate investigations in physics through the use of technology and numeracy skills
- Select, analyse, and critically evaluate the evidence of physics from different sources, and present informed conclusions or decisions on contemporary physics applications
- Communicate knowledge and understanding of the concepts and information of physics using appropriate physics terms and conventions
- Demonstrate and apply knowledge and understanding of Physics to a range of applications and problems

Content Summary

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<thead>
<tr>
<th>Motion in Two Dimensions</th>
<th>Light and Matter</th>
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<td>Momentum</td>
<td>Light and Matter</td>
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<td>Electric Fields</td>
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<td>Charged Particles in Electric Fields</td>
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<tr>
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<td>Radioactivity</td>
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<tr>
<td>Charges Particles in Magnetic Fields</td>
<td>Fission and Fusion</td>
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Each section is divided into four topics. Each topic has its own specific practical application

Assessment Procedures
The final SACE Board of South Australia score in Physics is determined as follows

Investigations Folio (School-based) – 40%
  - Practical Work
  - Issue Investigation
Skills and Applications Tasks (School-based) – 30%
  - Written Tests
  - Written Assignments
  - Practical Tests
Examination (Externally Assessed in November) – 30%
Subject Name: Psychology  
Level of Study: Year 12 (Stage 2)  
Length of Course: Full Year  
Prerequisite: It is assumed that students have successfully completed at least one Science subject at Year 11 (Stage 1) level

Course Description
Learning Requirements
• Explain the factors that cause psychological differences and similarities between people and give examples of how these factors affect the behaviour of themselves, others, and groups of people  
• Analyse the behaviour of themselves, others, and groups of people in different contexts in a way that recognises the values of independence and interdependence  
• Demonstrate an understanding of ethical research by undertaking and evaluating guided investigations  
• Make informed decisions about issues, events, and situations in society by applying relevant psychological principles and ethics and by presenting particular points of view, giving examples of the thinking and reasoning behind them  
• Demonstrate organisation and critical reflection in the application of psychological principles, taking into account ethical considerations  
• Search for, evaluate, and organise psychological information and use appropriate terms effectively to communicate key ideas, understanding, processes, and values in a range of contexts  
• Undertake a variety of roles while working as a member of a team to achieve individual and shared goals

Content Summary
In An Introduction to Psychology, students learn about the different ways in which psychologists obtain data about human behaviour via investigations. They study how information is interpreted in Social Interaction and look at similarities in and differences between people in the Personality topic. Students learn about classical and operant conditioning and observational learning in the Learning topic, and then consider the biological basis of sleep, meditation, arousal and stress in the Awareness topic. The Healthy Minds topic examines the characteristics that help people to achieve high levels of emotional and social well-being.

Assessment Procedures
The final SACE Board of South Australia score in Psychology is determined as follows

Investigations Folio (School-based) – 30%
• Collaborative Investigation  
• Individual Investigation  
Skills and Applications Tasks (School-based) – 40%
• Tests (5)  
• Mid-year Examination  
• Issues Investigation  
Examination (Externally Assessed in November) – 30%
Subject Name: Nutrition
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: None – BUT it is desirable that students have successfully completed a minimum of a semester of any of the Year 11 (Stage 1) Science units

Course Description
Good nutrition is integral to a healthy and active life and it is important that accurate information on nutrition is made available to individuals and communities. Students of Nutrition are presented with up-to-date scientific information on the role of nutrients in the body as well as on social and environmental issues related to nutrition.

Learning Requirements
In this subject, students are expected to
- Identify and formulate questions, hypotheses and purposes that guide nutrition investigations and their design
- Design, safely conduct and evaluate investigations and apply knowledge and problem-solving skills to individual and collaborative practical tasks
- Select and use evidence to analyse, compare and evaluate strategies for the prevention and management of disorders related to diet and lifestyle and to make recommendations for promoting good health
- Communicate knowledge and understanding of nutrition, using the terms and conventions of the language of nutrition to suit particular purposes and contexts
- Critically evaluate and apply knowledge and understanding of nutrition to identify and explain decisions based on ethical, personal, social, environmental and/or economic factors that influence the diet and lifestyle choices of individuals and communities
- Demonstrate knowledge and understanding of, and respect for, varying cultural influences on diet and lifestyle decisions

Content Summary
The subject consists of three core topics
- Core Topic 1: The Fundamentals of Human Nutrition
- Core Topic 2: Diet, Lifestyle and Health
- Core Topic 3: Food Selection and Dietary Evaluation
- Core Topic 4: Food, Nutrition and the Consumer
And the option topic:
- Option Topic 2: Global Hunger

Assessment Procedures
The final SACE Board of South Australia score in Nutrition is determined as follows
- Investigations Folio (School-based) – 40%
  - Practical Work
  - Issue Investigation
- Skills and Applications Tasks (School-based) – 30%
  - Written Tests
- Examination (Externally Assessed in November) – 30%
Subject Name: Accounting Studies
Level of Study: Year 1 (Stage 2)  
Length of Course: Full Year
Prerequisite: Year 11 (Stage 1) Accounting is desirable

Course Description
The study of Accounting gives students opportunities to learn the practical skills needed to manage their own financial affairs and to develop an understanding of the ethical considerations that affect financial decision-making. Students develop an understanding of the successful management of financial affairs in business, and gain knowledge and skills related to accounting processes for organisational and business applications. Accounting enables students to participate effectively and responsibly in a changing social, legal, and economic environment. Students develop skills in critical thinking, problem-solving, and the use of information and communication technologies. These skills enable them to apply accounting information in financial decision-making. An understanding of accounting concepts in financial management and decision-making helps students to develop skills in, and an appreciation of, active and responsible citizenship. Students acquire knowledge and skills related to the accounting process for organisation and business applications. They understand the processes involved in generating, recording, classifying, analysing, interpreting, and reporting accounting information as a basis for planning, control, and effective decision-making. They learn how to interpret the financial information of an accounting entity and how to convey this information to interested users.

Course Content
Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning.
In this subject, students are expected to
- Identify various accounting entities and the main users of financial information
- Recognise, understand, record, report, and communicate financial information in a manner appropriate to the identified needs of the user
- Understand and apply the process required to maintain financial information in order to report the results of business activity
- Recognise that accounting concepts and standards determine the responsibilities and obligations of accounting entities to report financial information
- Apply identified accounting concepts and standards to generate financial reports
- Analyse and critically interpret financial and non-financial information for decision making and problem-solving
- Recognise that social, legal, and ethical issues both influence and are influenced by business and accounting decisions

Stage 2 Accounting is a 20-credit subject. Students are required to study the following three sections
- Section 1: The Environment of Accounting
- Section 2: Financial Accounting
- Section 3: Management Accounting
Evidence of Learning (Assessment)
The following assessment types enable students to demonstrate their learning in Stage 2 Accounting:

School-based Assessment – 70%
- Assessment Type 1: Skills and Application Tasks – 50%
- Assessment Type 2: Report – 20%

External Assessment – 30%
- Assessment Type 3: Examination – 30%

Students should provide evidence of their learning through seven to ten assessments, including the external assessment component. Students undertake:
- Five to eight skills and applications tasks
- One report
- One examination
Subject Name: Economics
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: None – but it is an advantage to have successfully completed Year 11 (Stage 1) Economics

Course Description
Studying Economics enables students to understand how an economy operates, the structure of economic systems, and the way in which they function. Students develop an understanding of different economic systems and institutions, and can assess the degree to which these systems and institutions help satisfy people’s needs and wants. Students research, analyse, evaluate, and apply economic models that are expressed in graphical and/or diagrammatic form. They evaluate issues for individuals and groups in local, national, and global settings. They learn how some of these issues affect their lives and how they can use the knowledge and skills of economics to inform their participation in society.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Know, understand, communicate, and apply economic concepts, principles, models, and skills
- Explain the role of economic systems in dealing with the economic problem of scarcity
- Evaluate the effects of interdependence on individuals, business, and governments locally, nationally, and globally
- Evaluate and explain the way in which economic decisions involve costs and benefits
- Critically analyse and evaluate economic issues and events (past and current) using economic models and the skills of economic inquiry
- Critically analyse and evaluate the impact of economic change locally, nationally, and globally

Course Content
Stage 2 Economics is a 20-credit subject. It consists of skills in Economics developed through the following five key areas of study

- Key Area 1: The Economic Problem
- Key Area 2: Microeconomics
- Key Area 3: Macroeconomics
- Key Area 4: Globalisation
- Key Area 5: Poverty and Inequality (not examinable – major assignment)

Evidence of Learning (Assessment)
The following assessment types enable students to demonstrate their learning in Stage 2 Economics
School-based Assessment – 70%
- Assessment Type 1: Folio – 30%
- Assessment Type 2: Skills and Applications Tasks – 40%
External Assessment – 30%
- Assessment Type 3: Examination (2 hours) – 30%

Students should provide evidence of their learning through eight assessments, including the external assessment component. Students undertake

- At least two directed assessments for the folio
- At least two skills and applications tasks
- One examination
Subject Name: Geography
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: It is assumed that students have successfully completed a semester of Year 11 (Stage 1) Geography

Course Description
The discipline of Geography deals with environmental phenomena and human activities as diverse as natural hazards, landforms, tourism economic development, agriculture, and urban planning. Through the study of Geography, students develop an understanding of the spatial interrelationships of people, places, and environments. They develop an understanding of how people interact with environments differently in different places and at different times, and of the opportunities, challenges, and constraints of different locations.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Demonstrate geographical inquiry, knowledge, and understanding
- Select, apply, and evaluate a range of geographical and fieldwork skills and technologies in a range of contexts
- Integrate, organise, and communicate geographical information using appropriate technologies
- Analyse patterns and processes related to geographical issues
- Analyse the complex interactions between and interdependence of people and the natural environment in local, national, and global contexts
- Evaluate the environmental, social, political, and/or economic implications of responses to geographical issues
- Evaluate conflicting demands and diverse values, perceptions, and views related to geographical issues, and justify conclusions
- Reflect on sustainability when examining geographical issues

Course Content
Geography is a 20-credit subject that consists of

- A compulsory core topic
- Two option topics from a choice of twelve (one of which gives teachers the opportunity to develop a negotiated option topic).

Core Topic: Population, Resources and Development: This topic introduces students to the processes involved in population change. Through it, students become aware of the impacts of population and consumption on the environment. Water is used as a case study.

Option Topics
Students must study issues related to two of the following topics

- Urbanisation
- Rural Places
- Tourism
- Sources and Use of Energy
- Coasts
- Biodiversity
- Climate Change
- Soils
- Environmental Hazards
- Globalisation
- Drylands
- Negotiated Topic

Evidence of Learning (Assessment)
The following assessment types enable students to demonstrate their learning in Stage 2 Geography
School-based Assessment – 70%
- Assessment Type 1: Fieldwork – 25%
- Assessment Type 2: Inquiry – 20%
- Assessment Type 3: Folio – 25%

External Assessment – 30%
- Assessment Type 4: Examination – 30%

Students should provide evidence of their learning through seven to nine assessments, including the external assessment component. Students undertake
- One individual fieldwork report
- One inquiry
- Four to six individual assessments for the folio
- One examination: 2 hours – Core Topic only
Subject Name: History
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: It is assumed that students have successfully completed at least a semester of Year 11 (Stage 1) History

Course Description
The study of History gives students the opportunity to make sense of a complex and rapidly changing world by connecting past and present. Through the study of past events, actions, and phenomena students gain an insight into human nature and the ways in which individuals and societies function. Students research and review sources within a framework of inquiry and critical analysis.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Demonstrate knowledge and understanding of people, places, events, and ideas in the history of societies in selected periods and places since c. 1500
- Formulate hypotheses and/or focusing questions and apply them to explain historical concepts
- Apply the skills of historical inquiry, including critical analysis
- Construct reasoned historical arguments based on a critical understanding of evidence from sources
- Reflect on the short-term and long-term impacts of individuals, events, and phenomena
- Evaluate why individuals and groups acted in a certain ways at particular times
- Communicate informed and relevant arguments using subject-specific language and conventions

Course Content
Stage 2 Modern History is a 20-credit subject that consists of

- A thematic study
- A depth study
- An essay

Students choose one topic from a choice of six for the thematic study, and one topic from a choice of five for the depth study. The topic for inquiry for the essay may be developed from any of the eleven topics available for study in the subject, or from any other area of interest relevant to modern history since c. 1500

Thematic Study: the thematic study requires students to undertake a critical analysis of a period, phenomenon, or event. The analysis may involve comparison of people, ideas, and events within one or more case studies.

Students investigate the French Revolution for a thematic study based on Topic 3: Revolutions and Turmoil: Social and Political upheavals since c. 1500

Depth Study: The depth study requires students to undertake an analysis that leads to an appreciable depth of involvement in the process of historical inquiry; this is also known as depth-indiscipline analysis. Through this approach, students gain detailed knowledge of the topic under investigation.

Students investigate American Slavery and Civil Rights for a depth study based on Topic 11: Persecution and Hope: Power and Powerlessness in Society since c. 1500
Evidence of Learning (Assessment)
In addition to formative assessments, the following summative assessment types enable students to demonstrate their learning in Stage 2 Modern History

School-based Assessment – 70%
- Assessment Type 1: Folio – 50%
- Assessment Type 2: Essay – 20%

External Assessment – 30%
- Assessment Type 3: Examination – 30%

In each subject, students should provide evidence of their learning through eight to ten assessments, including the external assessment component. Students undertake:
- Six to eight assessments for the folio
- One individual history essay
- One 3 hour externally assessed examination
Subject Name: Legal Studies  
Level of Study: Year 12 (Stage 2)  
Length of Course: Full Year  
Prerequisite: One semester at Year 11 (Stage 1) is desirable but not essential

Course Description
Legal Studies explores Australia’s legal heritage and the dynamic nature of the Australian legal system within a global context. Students are provided with an understanding of the structures of the Australian legal system and how that system responds and contributes to social change while acknowledging tradition.

The study of Legal Studies provides insight into law-making and the processes of dispute resolution and the administration of justice. Students investigate legal perspectives on contemporary issues in society. They reflect on, and make informed judgments about, strengths and weaknesses of the Australian legal system. Students consider how, and to what degree, these weaknesses may be remedied.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to

- Display knowledge and understanding of the influences that have shaped the Australian legal system
- Know and understand legal principles, processes, and structures
- Recognise how the Australian legal system responds to cultural diversity
- Demonstrate civic literacy through active inquiry into the legal system
- Evaluate how the changing global community influences the Australian legal system
- Evaluate the ways in which legal issues shape and are shaped by society now, and how they may do so in the future
- Communicate informed observations and opinions on contemporary legal issues and debates, using legal terminology and appropriate acknowledgement of sources

Course Content
Stage 2 Legal Studies is a 20-credit subject that consists of the following four topics

- Topic 1: The Australian Legal System
- Topic 2: Constitutional Government
- Topic 3: Law-making
- Topic 4: Justice Systems

Evidence of Learning (Assessment)
The following assessment types enable students to demonstrate their learning in Stage 2 Legal Studies

School-based Assessment – 70%
- Assessment Type 1: Folio – 50%
- Assessment Type 2: Inquiry – 20%

External Assessment – 30%
- Assessment Type 3: Examination – 30%

Students should provide evidence of their learning through eight to ten assessments, including the external assessment component. Students undertake

- Six to eight assessments for the folio
- One inquiry
- One examination
Subject Name: Tourism
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: None

Course Description
In Tourism, students develop an understanding of the nature of tourists, tourism, and the tourism industry. They investigate local, national, and global tourism; and explore tourism as a business. Students gain an understanding of the complex economic, social, cultural and environmental impacts of tourism. A student’s understanding of the sustainable management of tourism is central to the subject.

Learning Requirements
The learning requirements summarise the knowledge, skills, and understanding that students are expected to develop and demonstrate through their learning. In this subject, students are expected to
• Understand and explain tourism knowledge, including the diverse nature of tourists
• Tourism, and the tourism industry
• Understand and apply tourism concepts and models, including sustainable tourism and cultural sustainability, and evaluate their application in different contexts – local, national and global
• Investigate, analyse, and evaluate viewpoints and information about tourism trends, developments, and/or contemporary issues
• Apply practical tourism skills in different contexts
• Interpret, critically analyse, and evaluate different perspectives and different sources of information about tourism to develop informed opinions, conclusions, and recommendations
• Communicate information about tourism in different contexts for particular audiences and purposes, using appropriate terminology, forms, and acknowledgement of sources

Course Content
Stage 2 Tourism is a 20-credit subject. The content of the subject consists of the themes and topics (listed below) and practical tourism skills (as described in the sections on the capabilities, literacy, and numeracy).

An in-depth understanding of the themes forms a core knowledge and underpins the development of the topics. Teachers develop a teaching and learning program that best suits the needs of their students based on a combination of themes and topics, incorporating the development and demonstration of relevant practical tourism skills.

Programs must cover each of the four themes and should include three topics

Themes
• Operations and Structures of the Tourism Industry
• Travellers’ Perceptions, and the Interaction of Host Community and Visitor
• Planning for and Managing Sustainable Tourism
• Evaluating the Nature of Work in the Tourism Industry

Topics
• Applications of Technology in Tourism
• Establishing a Tourism Venture
• Management of Local Area Tourism
• The Role of Governments and Organisations in Tourism
• The Economics of Tourism
• Indigenous People and Tourism
• Tourism Industry Skills
• Negotiated Topic
• The Impacts of Tourism
• Marketing Tourism
• Special Interest Tourism
• Responsible Travel
Evidence of Learning (Assessment)
The following assessment types enable students to demonstrate their learning in Stage 2 Legal Studies:

School-based Assessment – 70%
- Assessment Type 1: Folio – 20%
- Assessment Type 2: Practical Activity – 20%
- Assessment Type 3: Investigation – 25%

External Assessment – 30%
- Assessment Type 4: Examination – 30%

Students should provide evidence of their learning through six to eight assessments, including the external assessment component. Students undertake:
- At least two assessments for the folio
- At least two practical activities
- One investigation
- One examination
Subject Name: Visual Art – Art or Design
Level of Study: Year 12 (Stage 2)
Length of Course: Full Year
Prerequisite: Minimum one semester of Year 11 (Stage 1) Visual Art

Course Description
Students develop the skills to summarise, analyse and reflect on their visual thinking. Emphasis is placed on visually recording, inspirations, influences ideas, thoughts and media applications in art or design through use of technology, developing ideas and skills and working towards a resolution in works of art or design.

Learning Outcomes
Student should be able to
- Conceive, develop and make work(s) of art or design that reflect individuality and the development and communication of a personal visual aesthetic
- Demonstrate visual thinking through the development and evaluation of ideas and explorations in technical skills with media, materials and technologies
- Apply technical skills in using media, materials, technologies and processes to solve problems and resolve work(s) of art or design
- Communicate knowledge and understanding of their own works and the connections between their own and other practitioners’ works of art or design
- Analyse, interpret and respond to visual arts in cultural, social and/or historical contexts.
- Develop inquiry skills to explore visual arts issues, ideas, concepts, processes, techniques and questions

Content Summary
Areas of Study
Assessment Type 1: Folio: Visual thinking
- For both art and design, visual thinking is about developing the skills to think visually and to record this thinking. Visual thinking skills for artists and designers are integral to the creative or problem-solving process
- At Stage 2, visual thinking extends to the clear communication of a personal visual aesthetic, which has been refined throughout the process of developing works of art or design for resolution
- Visual thinking for artists usually involves applying a creative or problem-solving process in a logical sequence
- Visual thinking for designers is usually based around the development and formulation of a design brief that specifies parameters for the designer and working through the Design Cycle to produce a design outcome
- The Folio should include visual, practical, written and/or oral forms of research. Written evidence may include, for example, notes, annotations, analysis of artists’ / designers’ works, and/or a structured essay to a maximum of 60 pages

Assessment Type 2: Practical: Practical Resolution
- A work of art or design may be a single resolved practical or a body of resolved work
- Works can be resolved using the various practical genres of art and design, which may include for example:
  - Art: video, installation, assemblage, digital imaging, painting, drawing, mixed media, printmaking, photography, wood, plastic or metal fabrication, sculpture, ceramics and textiles
  - Design: product design, environmental design, architectural concept design (interior and/or exterior), landscape concept design.
- Practitioner’s Statement (art and design): students evaluate what they have achieved and provide insights into how processes have affected the outcome.
Assessment Type 3: Visual Studies: Visual Arts in Context

- Students contextualise art or design; that is, they place works of art or design culturally, socially and/or historically through investigative research practices. Maximum 30 A3 pages + 2000 words of integrated text
- At Stage 2, the ability to compare and contrast works of art or design within a context or from different contexts is emphasised.
- An understanding of the inquiry process through the location and acknowledgement of sources of information, analysing and interpreting the work of relevant practitioners and/or works of art or design in context and the exploration and experimentation of practical applications are integral to the research process for visual study

Assessment Scope and Requirements

School-based Assessment – 70%
- Assessment Type 1: Folio – 40%
- Assessment Type 2: Practical – 30%

External Assessment – 30%
- Assessment Type 3: Visual Study – 30%

Assessment Design Criteria

Practical Application
Knowledge and Understanding
Analysis and Synthesis
Inquiry and Exploration