The SACE
South Australian Certificate of Education

The South Australian Certificate of Education (SACE) is a qualification awarded to students who complete their senior secondary education (Years 10, 11 and 12).

The SACE is designed to help students develop the skills and knowledge they need to succeed – whether they choose to pursue further education, training or an apprenticeship.

The certificate is based on two stages of achievement: Stage 1 (normally undertaken in Year 11) and Stage 2 (normally undertaken in Year 12). Students are able to study a wide range of subjects and courses as part of the SACE.

Each subject or course completed earns “credits” towards the SACE, with a minimum of 200 credits required for students to gain the certificate.

Students receive a grade from A to E for each subject at Stage 1. Students receive a grade from A+ to E- at Stage 2. For the Stage 1 compulsory subjects, students need to achieve a final moderated grade of a C or better. For compulsory Stage 2 subjects, students need to achieve a final moderated grade of C- or better.

The compulsory subjects are:
- Literacy – at least 20 credits from a range of English subjects at Stage 1
- Numeracy – at least 10 credits from a range of Mathematics subjects at Stage 1
- Personal Learning Plan (PLP) - 10 credits (usually studied at Year 10)
- Research Project - 10 credits (usually studied at Year 11)
- Stage 2 subjects - totalling at least 60 credits
- The remaining 90 credits can be gained through Stage 1 or Stage 2 subjects or SACE Board recognised courses or VET courses.

<table>
<thead>
<tr>
<th>Yr 10</th>
<th>Stage 1</th>
<th>Stage 2</th>
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</thead>
<tbody>
<tr>
<td>Literacy</td>
<td>Numeracy</td>
<td></td>
</tr>
<tr>
<td>English A&amp;B</td>
<td>Essential Mathematics A</td>
<td>Choice Subject 10 Credits</td>
</tr>
<tr>
<td>or</td>
<td>or General Mathematics A</td>
<td></td>
</tr>
<tr>
<td>EAL A&amp;B</td>
<td>or Mathematics (Pure A)</td>
<td>Choice Subject 10 Credits</td>
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<tr>
<td>or</td>
<td></td>
<td></td>
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<tr>
<td>Essential English A&amp;B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 Credits</td>
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<td></td>
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<tr>
<td></td>
<td>Research Project 20 Credits</td>
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<td></td>
<td>10 Credits</td>
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<td>20 Credits</td>
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</tbody>
</table>

10 Credits = 1 Semester
20 Credits = Full Year

Assessment at Stage 1 is school based.

Assessment at Stage 2 is a combination of school based tasks and 30% external assessment. The external component may include exams, practical projects, investigations, research and presentations.
Senior School

**EXPECTATIONS OF YEAR 12 STUDENTS**

Students:
- have completed all SACE Stage 1 Compulsory Subjects and achieved a moderated C grade or better
- are expected to use their diaries or electronic means for the recording of homework, deadlines and tests
- are expected to do a minimum of 2 hours of homework each night
- are expected to be committed to their studies and show initiative in order to attain success
- must follow the SACE Board’s deadline policy for completing and handing in work
- must take responsibility for the planning and completion of all work

**SUBJECT SELECTION AT SACE STAGE 2**

Students at Stage 2 study a minimum of 4 full year subjects or their equivalent worth 20 credits each. Stage 2 students should consider their postschool pathways carefully, including any prerequisites for further study, when making their subject selections.

**Study Classes**

All students in Stage 2 have timetabled study lessons each week. The purpose of these lessons is to develop and support independent study practice. Students complete work, independently or under supervision in one of the designated study areas. For some students this may include the option of studying at home during these times.

**Choice Subjects**

Each SACE Stage 2 subject listed below is one full year in length and worth 20 credits. All of these subjects are Tertiary Admission Subjects (TAS). Each subject can contribute to the calculation of the Australian Tertiary Admission Rank (ATAR) for selection into tertiary institutions.

- Biology
- Business and Enterprise
- Chemistry
- Classical Studies
- Dance
- Drama
- English Communications
- English as an Additional Language
- English as an Additional Language Studies
- English Studies
- Food and Hospitality
- French (Continuers)
- Health
- Information Processing and Publishing
- Italian (Continuers)
- Mathematical Applications
- Mathematical Methods
- Mathematical Studies
- Music
- Photography (Communication Products)
- Physical Education
- Physics
- Psychology
- Specialist Mathematics
- VET – Certificate II Retail Services
- Visual Arts - Art
- Visual Arts - Design
- Women’s Studies
Biology

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Biology, Physics, Psychology or Chemistry

Subject Description:
Students learn about organisms and their surroundings. They look at the chemicals used and built within the cells and then the functions and types of cells in complex multicellular organisms. Students then look at how these cells work together in systems within an organism, finishing with how organisms have evolved and adapted to their changing environments, or died out in the process.

Students design and conduct biological investigations and gather evidence from their investigations. As they explore a range of biology related issues, students recognise that the body of biological knowledge is constantly changing and increasing through the application of new ideas and technologies.

Students are expected to be motivated and independent learners.

Topics studied are:
- Macromolecules - Genetic Engineering, DNA and Proteins
- Cells - Structures and Functions
- Organisms
- Ecosystems

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Investigations Folio
- including practical investigations and social relevance issues 40%

Skills and Applications Tasks
- including tests and research assignments 30%

External Assessment
Examination - 3 hours 30%

Special Subject Costs or Requirements:
SASTA Revision Guide: Approximate cost $25.95
Biology Essentials Workbook: Approximate cost $45.40
CSIROSEC Excursion: Approximate cost $6.50
Biology Practical Book: Cost $20.00

Subject Coordinator:
Ms Helen Marussinszky
Business and Enterprise

Subject Length: Full Year (20 credit subject)

Desired Background: Successful completion of Stage 1 Business and Enterprise

Subject Description:
Business and Enterprise focuses on the successful management of business and enterprise issues in personal, business and social contexts, locally, nationally and globally.

Students gain an understanding of business operations and practice, develop an awareness of business, financial and technological skills, participate in planning, developing and controlling business activities and evaluate decisions on business practices. Students evaluate the impact and effect of business, enterprise and technology on the wellbeing and lifestyle of individuals, communities, the economy and the environment.

Students complete the study of one core topic and two options topics.

Core Topic
• The Business Environment

Option Topics
• People, Business and Work
• Business and the Global Environment
• Business and Finance
• Business, Law and Government
• Business and Technology
• Business and Marketing
• Business Research Task / Practical Application

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Folio 30%
Practical 20%
Issues Study 20%

External Assessment
Report * 30%

* The Report can be a Situation Analysis or an Enterprise Report where students identify an enterprise they run. They assess the feasibility of the enterprise, prepare a business plan, present the business plan in order to acquire funding, operate the business for a satisfactory business cycle, and close it down.

Special Subject Costs or Requirements:
There is a research component to the course and students are required to complete out of school hours’ tasks in their contact with businesses.

Students are required to purchase “How to Write an Effective Report”.

Cost: Approximately $24.95.

Subject Coordinator:
Ms Maria Ivey
Chemistry

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Chemistry A & B

Subject Description:
The study of Chemistry includes an overview of the matter that makes up materials and the properties, uses, means of production and reactions of these materials. It also includes a critical study of the social and environmental impact of materials and chemical processes.

Students consider how human beings make use of the earth’s resources and the impact of human activities on the environment. Through practical studies, students develop investigation skills and an understanding of the physical world that enables them to be questioning, reflective and critical thinkers.

Stage 2 Chemistry is organised so that each intended student learning outcome is related to a key chemical idea or concept within five topics. Through the study of these key ideas and concepts students develop their chemistry investigation skills.

Topics:
• Elemental and Environmental Chemistry
• Analytical Techniques
• Using and Controlling Reactions
• Organic and Biological Chemistry
• Materials

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Investigations Folio
- including practical investigations and social relevance issues 40%

Skills and Applications Tasks
- including tests and research assignments 30%

External Assessment
Examination - 3 hours 30%

Special Subject Costs or Requirements:
SASTA Revision Guide: Approximate cost $25.95
Chemistry Essentials Workbook: Approximate cost $50.00
CSIROSEC Excursion: Approximate cost $6.50

Subject Coordinator:
Ms Helen Marussinszky
Classical Studies

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 English. Stage 1 Ancient Studies may also be an advantage. Research and critical analysis skills, as well as sound essay writing skills are essential.

Subject Description:
Students learn about the history, literature, society and culture of classical civilisations of Greece and Rome. They draw on many other fields of study including architecture, politics, religion and geography. Classical Studies enables students to consider environmental, social, economic, religious, cultural and aesthetic factors that shape societies and provide personal and shared identity.

Students study three topics. At least one topic must be taken from Section A and at least one topic taken from Section B. The remaining topic can be taken from either Section A or Section B.

Section A: Literature
Students undertake a focus study of at least one of the following topics:
- Greek Epic
- Greek Drama
- Roman Poetry

Section B: Society, Culture and History
Students undertake a focus study of at least one of the following topics:
- Greek Society, Fifth Century BC
- Greek History, 500 – 479 BC
- Greek and Roman Material Culture, Seventh Century BC to Second Century AD
- Greek Religion
- Roman History, 70 – 28 BC

Section C: Special Study
Students undertake a research essay in an area of specialty or interest. They propose and develop a point of view about an issue of personal interest, based in the classical world, from either Section A or B (maximum 2,000 words).

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Folio
- Essays

External Assessment
- Special Study

Weighting
- 40%
- 30%
- 30%

Special Subject Costs or Requirements:
A Classical Dictionary is highly recommended.
Cost: Approximately $25.00

Subject Coordinator:
Ms Maria Ivey
Dance

**Subject Length:** Full Year (20 credit subject)

**Desired Background:** Satisfactory completion of at least one semester of Stage 1 Dance. Competent research skills and the ability to work independently are essential.

**Subject Description:**
Through the study of Dance, students develop a creative, technical and physical understanding and appreciation of dance as an art form.

Students study technique, composition, choreography, performance and critical analysis. Through the analysis of dance theatre performance, students learn about the choreography of local and international dance artists. They have the opportunity to explore global dance traditions, influences and perspectives.

Stage 2 Dance consists of three areas of study:
- Skills Development (Choreography and Technique with folio)
- Response
- Performance

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
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</thead>
<tbody>
<tr>
<td>Skills Development</td>
<td>50%</td>
</tr>
<tr>
<td>Written Response</td>
<td>20%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
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</thead>
<tbody>
<tr>
<td>Performance Examination</td>
<td>30%</td>
</tr>
</tbody>
</table>

**Special Subject Costs or Requirements:**
Students are required to change into appropriate dance wear for each lesson. For performance, out of hours commitment is essential and students must provide their own black leotard, footless tights and footwear as a basis for costumes predominantly provided by the school. These must be purchased at the beginning of the year.

Students are required to attend live performances throughout the year, usually out of school hours.

Cost: Approximately $70.00, plus cost of leotard/tights/footwear

**Subject Coordinator:**
Ms Meredith Arnold
Drama

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of at least one semester of Stage 1 Drama. Competent research skills and independent study skills are essential.

Subject Description:
Stage 2 Drama consists of the following four areas of study:
- Analysis and Creative Interpretation
- Review and Reflection
- Interpretative Study
- Presentation of Dramatic Works

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Presentation</td>
<td>20%</td>
</tr>
<tr>
<td>Folio (Report, Reviews)</td>
<td>30%</td>
</tr>
<tr>
<td>Interpretative Study</td>
<td>20%</td>
</tr>
</tbody>
</table>

| External Assessment                      |           |
| Performance                               | 30%       |
| (Examination in an on stage or offstage role) |           |

Special Subject Costs or Requirements:
The ability to work as part of an ensemble is essential. Out of hours commitment is essential, including Sunday rehearsals.

Students are required to attend at least two live productions during the year in order to complete the reviewing section of the course.

Cost: Approximately $40.00

Subject Coordinator:
Ms Meredith Arnold
English Communications

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 English. The ability to read independently and an enjoyment of writing will support success.

Subject Description:
English Communications focuses on the development of English skills and, in particular, the communication process. Students learn to recognise the conventions of different text types and contexts. They consider the role of language in communications between individuals, groups and organisations.

Students undertake tasks within the following:
- Text Study
- Text Production Study
- Communication Study (consists of two parts)
  Part 1: Analysis and comparison of two examples of communication from one of the following categories:
  - Mass Media Communication
  - Personal Communication
  - Business Communication
  - Computer Mediated Communication
  - Advertising
  Part 2: Completion of a practical application involving the development of a product, reflection on the process of development, and the findings reached by the student. Students select one of the following applications:
  - Film Making
  - Interacting
  - Investigating
  - Language
  - Multimedia Web Authoring
  - Oral Language
  - Workplace Writing
  - Writing for Publication
- Folio (consists of two parts)
  Part 1: Response to an Example of Communication - Students compare two examples of communication from within one category of communication. This could be a short story, novel, poem or film; or a text used to communicate an idea of information such as transcript of a speech or a letter.
  Part 2: Text Production with Writer’s Statement - Students compose a piece of written text and a writer’s statement that outlines their intentions and reflection of the process used to produce it.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Text Analysis
- Text Production
- Communication Study

Weighting
- Text Analysis: 20%
- Text Production: 20%
- Communication Study: 30%

External Assessment
- Folio

Weighting: 30%

Special Subject Costs or Requirements: Nil

Subject Coordinator:
Ms Laura Harvey
English as an Additional Language

Subject Length: Full Year (20 credit subject)

Desired Background: EAL is available for students who speak English as an Additional Language (EAL) and whose knowledge of the English language is classified as restricted based on the SACE eligibility criteria

Subject Description:
Students build on their existing knowledge of English by learning to communicate increasingly complex and sophisticated meaning, and to write and speak with confidence and fluency in a diverse and challenging set of contexts.

Students become independent and critical viewers, listeners and readers of texts in English who use oral and written language with increasing flexibility, spontaneity and control.

As it aims to develop diverse and practical language skills that are highly applicable in both academic and vocational environments, the program is suited to a broad range of students.

Communication Study
Through text response and text construction tasks, students examine the structure and language features of different media, developing an understanding of how texts both persuade and inform.

Text production
Students engage with a range of media texts on a particular topic, learning to identify bias and to express a point of view using evidence. Students demonstrate understanding and analytical skills through oral and written discussion.

Language Application
For this assessment students interact in a wider community context by organising, preparing for and carrying out an interaction or interview, and reflecting on and evaluating their process.

Investigation
Students choose a contemporary issue of interest to independently investigate. They produce a written report of their findings and record a reflective oral.

Assessment:
The Stage 2 EAL course is organised around the following assessment types:

School Based Assessment
- Communication Study 20%
- Text Production 30%
- Language Application 20%

External Assessment
- Investigation 30%

Special Subject Costs or Requirements: Nil

Subject Coordinator:
Ms Laura Harvey
English as an Additional Language Studies

Subject Length: Full Year (20 credit subject)

Desired Background: EAL Studies is available for students who speak English as an Additional Language (EAL) and whose knowledge of the English language is classified as restricted based on the SACE eligibility criteria.

Subject Description: Students learn to use English for both social and academic purposes, developing a more complex understanding of new and challenging oral and written texts and the contexts in which they appear.

By producing and responding to a range of texts students develop academic research, analysis and synthesis abilities, as well as learning to communicate complex meaning and ideas in both familiar and unfamiliar situations. The program is suited to highly academic students who aim to pursue further and tertiary study.

Issue Analysis
Students engage in an interactive discussion with the teacher on a contemporary issue and complete a written response. The assessment develops their ability to interpret and analyse information from a range of sources, and to develop and express opinions in a spontaneous and sophisticated manner.

Text Production
This assessment requires students to read, listen to and/or view a selection of fiction and non-fiction texts. Students then produce their own written texts, responding in both creative and academic modes.

Investigation
Students choose a topic of interest to independently investigate in depth. Students record the results of their research in a written report/essay using academic referencing and writing conventions. In addition, they prepare and conduct a tutorial in which they introduce the class to the findings of their Investigation.

Examination
At the end of the year students complete a three-hour written examination. The exam is divided into two parts: listening comprehension (1 hour) and written paper (2 hours).

Assessment:
The Stage 2 EAL Studies course is organised around the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue Analysis</td>
<td>20%</td>
</tr>
<tr>
<td>Text Production</td>
<td>20%</td>
</tr>
<tr>
<td>Investigation</td>
<td>30%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination</td>
<td>30%</td>
</tr>
</tbody>
</table>

Special Subject Costs or Requirements: Nil

Subject Coordinator:
Ms Laura Harvey
**English Studies**

**Subject Length:** Full Year (20 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 English, including Stage 1 English Studies in Semester 2. Sound skills in essay writing and critical analysis of literature are required. A love of reading will support success.

**Subject Description:**
English Studies focuses on the skills and strategies of critical thinking needed to interpret texts. Through shared and individual study of texts, students encounter different opinions about texts, have opportunities to exchange and develop ideas, find evidence to support a personal view and learn to construct logical and convincing arguments.

In English Studies, through focusing on the creativity and craft of the authors, students develop strategies to enhance their own skills in composing texts and put into practice the techniques they have observed.

Students undertake tasks from the following areas of study:

Shared Studies - Students complete up to six responses to their shared studies. At least one response to each of the Shared Studies types (single texts, paired texts, poetry, critical reading). Each written response should be a maximum of 1,000 words. Each oral response should be a maximum of 6 minutes.

Individual Study - Students choose two texts for individual reading and complete a critical essay of up to a maximum of 2,000 words.

Text Production - Students produce two written texts and two oral texts. Each written text should be up to a maximum of 1,000 words. Each oral text should be a maximum of 6 minutes.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shared Studies</td>
<td>30%</td>
</tr>
<tr>
<td>Individual Study</td>
<td>20%</td>
</tr>
<tr>
<td>Text Production</td>
<td>20%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination - 3 hours</td>
<td>30%</td>
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</tbody>
</table>

**Special Subject Costs or Requirements:**
Nil

**Subject Coordinator:**
Ms Laura Harvey
Food and Hospitality

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Food and Hospitality – Catering or Food and Nutrition

Subject Description: Students focus on the impact of the Food and Hospitality Industry on Australian society and examine the contemporary and changing nature of the industry. Students develop relevant knowledge and skills as consumers and/or industry workers.

In Stage 2 Food and Hospitality, students study topics within the following five areas of study:

- Contemporary and Future Issues
- Economic and Environmental Influences
- Political and Legal Influences
- Socio-Cultural Influences
- Technological Influences

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Practical Activities</td>
<td>50%</td>
</tr>
<tr>
<td>1 Group Activity</td>
<td>20%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation</td>
<td>30%</td>
</tr>
</tbody>
</table>

TAFE Accreditation
Students may have the opportunity to complete Vocational competencies in Hospitality Studies while undertaking this course.

Special Subject Costs or Requirements:
Some functions may require out of hours commitment.

Some excursions may require an extra fee.

Cost: Approximately $60.00 - $80.00 per year towards ingredients and services used

Subject Coordinator:
Ms Sarah Gray
French (Continuers)

**Subject Length:** Full Year (20 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 French (Continuers) A & B

**Subject Description:**
The course is designed to enable students to use French fluently, accurately and appropriately in communication with others. Students will be involved in receiving, giving and processing information and using the language creatively and imaginatively in written and spoken form. The Continuers level languages are designed for students who have studied the language for 400 to 500 hours by the time they have completed Stage 2, or who have an equivalent level of knowledge.

Students interact with others to share information, ideas, opinions and experiences. They create texts in the specific language to express information, feelings, ideas and opinions. They analyse texts to interpret meaning and make inferences, and examine relationships between language, culture and identity, and reflect on the ways in which culture influences communication.

Stage 2 French at Continuers level consists of three themes and a number of prescribed topics and suggested sub-topics:

**Themes**
- The Individual - sub-topics: Healthy Lifestyles, Career Choices, Future Aspirations
- The French Speaking Communities - sub-topics: Cinema, Literature, Music, France during World War II, Cuisine
- The Changing World - sub-topics: Changing Gender Roles, The Environment, The Media, Multicultural France

Students undertake an in depth study on an area connected with the culture, history, geography and lifestyle of French speaking communities.

Students make use of an on line vocabulary building program called Language Perfect.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folio</td>
<td>50%</td>
</tr>
<tr>
<td>In Depth Study</td>
<td>20%</td>
</tr>
</tbody>
</table>

**External Assessment**
- Written Examination - 3 hours
- Oral Examination – 10 to 15 minutes

30%

**Special Subject Costs or Requirements:**
Nil

**Subject Coordinator:**
Ms Maria Ivey
Health

Subject Length: Full Year (20 credit subject)
Desired Background: Satisfactory completion of Stage 1 Health
Subject Description:
Students complete the study of at least one core topic and three option studies.

Core Topics
- Health Literacy
- Social and Economic Determinants of Health

Option Studies
- Health Promotion in the Community
- Health and Environment
- Sexuality and Health
- Health and Relationships
- Risks and Challenges to Health
- Stress and Health
- Vocational Studies and Applications in Health

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Group Investigation & Presentation 30%
- Issues Analysis 20%
- Practical Activity 20%

External Assessment
- Investigation 30%

Special Subject Costs or Requirements:
The practical component requires students to complete a Senior First Aid Certificate. The course takes 18 hours, with some out of school hours’ time required.

Cost: Approximately $130.00

Subject Coordinator:
Ms Dana Thomas
Information Processing and Publishing

Subject Length: Full Year (20 credit subject)
Desired Background: Satisfactory completion of Stage 1 Information Processing and Publishing A or B

Subject Description:
Information Processing and Publishing focuses on the application of practical skills to provide creative solution to text based communication tasks. This course enables the students to gain a better understanding of publication techniques used in industry and allows them to present products which adhere to design principles and accepted practices in this area. Students create hard copy publications and evaluate the design process.

Stage 2 Information Processing and Publishing consists of the following focus areas:
- Business Documents
- Desktop Publishing
- Digital Presentation
- Personal Publishing

Students use Adobe InDesign CS6 and Adobe Photoshop CS6 to make a range of print publications such as itineraries, brochures, menus, cookbooks, business cards, letterheads, etc. All students use the Internet as a research tool and have the opportunity to use hardware such as digital cameras and scanners.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Practical Skills
- Issues Analysis
- Technical Operational Understanding

Weighting
- 40%
- 15%
- 15%

External Assessment
- Product and Documentation

Weighting
- 30%

Special Subject Costs or Requirements:
USB store drive, printing credit and folder.

Subject Coordinator:
Mr Peter Cottle
Italian (Continuers)

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Italian (Continuers) A & B

Subject Description:
The course enables students to use Italian fluently, accurately and appropriately in communication with others. Students are involved in receiving, giving and processing information and using the language creatively and imaginatively in written and spoken form. The Continuers level languages are designed for students who have studied the language for 400 to 500 hours by the time they have completed Stage 2, or who have an equivalent level of knowledge.

Students interact with others to share information, ideas, opinions and experiences. They create texts in the specific language to express information, feelings, ideas and opinions. They analyse texts to interpret meaning and make inferences, and examine relationships between language, culture and identity, and reflect on the ways in which culture influences communication.

Stage 2 Italian at Continuers level consists of three themes and a number of prescribed topics and suggested sub-topics.

Themes
- The Individual - sub-topics: Relationships, Identity, School, Future Aspirations
- The Italian Speaking Communities - sub-topics: Art, Music, Cuisine, History, Sport
- The Changing World - sub-topics: Technology, Work, Tourism, Travel

Students undertake an in depth study on an area connected with the culture, history, geography and lifestyle of Italian speaking countries.

Students make use of an online vocabulary building program called Language Perfect.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Folio 50%
- In Depth Study 20%

External Assessment
- Written Examination - 3 hours 30%
- Oral Examination - 10 to 15 minutes

Special Subject Costs or Requirements:
Nil

Subject Coordinator:
Ms Maria Ivey
Mathematical Applications

Subject Length: Full Year (20 credit subject)

Desired Background: A minimum of a B grade in a full year of Stage 1 Mathematics

Subject Description:
Stage 2 Mathematical Applications enables students to appreciate, experience and understand mathematics as a growing body of knowledge in contemporary situations. It gives relevance and meaning to their world and the world of enterprise. The subject provides opportunities for students to experience and learn the mathematical processes associated with investigating, modelling and solving problems drawn from real or realistic contexts.

Topics include:
- Investment and Loans
- Share Investments
- Mathematics and Small Business
- Statistics and Working with Data

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Skills and Applications Tasks 30%
Folio Work 40%

External Assessment
Two examinations – 90 minutes each 30%

Special Subject Costs or Requirements:
Students require a scientific calculator as well as a graphics calculator, either Texas TI-84+ graphics calculator or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

Revision Guide
Cost: Approximately $25.00

Subject Coordinator:
Mr Paul Wise
Mathematical Methods

Subject Length: Full Year (20 credit subject)

Desired Background: A minimum achievement of a B grade in Stage 1 Mathematics – Pure A and Mathematics - Pure B

Subject Description:
Through the study of Mathematical Methods students participate in a wide variety of problem solving activities, they express and interpret mathematical ideas and use appropriate instruments, technology and networks to access information, process ideas and communicate results.

Topics include:
- Linear Programming
- Matrices
- Exponential and Power Modelling
- Calculus
- Statistics and Probability

Preclusion: Mathematical Methods and Mathematical Studies may not be studied together.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills and Applications Tasks</td>
<td>45%</td>
</tr>
<tr>
<td>Folio Work</td>
<td>25%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination - 3 hours</td>
<td>30%</td>
</tr>
</tbody>
</table>

Special Subject Costs of Requirements:
Students require a scientific calculator as well as a graphics calculator, either Texas TI-84+ graphics calculator or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

Revision Guide
Cost: Approximately $25.00

Subject Coordinator:
Mr Paul Wise
Mathematical Studies

Subject Length: Full Year (20 credit subject)

Desired Background: A minimum achievement of a B grade in Stage 1 Mathematics - Pure A and Mathematics - Pure B. It is also highly recommended that successful completion of Mathematics – Pure C is successfully undertaken prior to the commencement of this course.

Subject Description: Through the study of Mathematical Studies students explore, describe and explain aspects of the world around them in a mathematical way. Students understand fundamental concepts, demonstrate mathematical skills and apply routine mathematical procedures, making informed and critical use of electronic technology.

Topics include:
- Working with Statistics
- Functions and Graphs using Calculus
- Linear Equations and Matrices

Each topic consists of a number of sub-topics, which are presented as key questions and ideas. Students who wish to enter areas such as architecture, economics and biological, environmental, geological and agricultural science should study Mathematical Studies.

If studied in conjunction with Specialist Mathematics, it will provide students with pathways into courses such as mathematical sciences, engineering, computer science and physical sciences.

Preclusion: Mathematical Studies and Mathematical Methods may not be studied together.

Assessment: Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Examination - 3 Hours</td>
<td>30%</td>
</tr>
</tbody>
</table>

Special Subject Costs or Requirements: Students require a scientific calculator as well as a graphics calculator, either Texas TI-84+ graphics calculator or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

Revision Guide
Cost: Approximately $25.00

Subject Coordinator: Mr Paul Wise
Music

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Music A & B or a minimum of 3 years development on a musical instrument or voice

Subject Description:
Music may be taken at Stage 2 as Solo Performance and Ensemble Performance.

Solo Performance
This subject develops students’ skills on a chosen instrument or their voice and the application of those skills, musical understanding and aesthetic awareness in a solo performance.

Ensemble Performance
This subject develops students’ skills on a chosen instrument or their voice and the application of those skills and other musical knowledge in an ensemble. Students participate in one of the following:
- a small ensemble of two or more performers
- a band
- a choir, vocal ensemble or with a solo performer as an accompanist

Assessment:

School Based Assessment: Solo Performance
First Performance: Students perform, as a soloist, a program of contrasting works for 9 minutes.  
Second Performance: Students perform, as a soloist, a program of contrasting works for 11 minutes.

Weighting
---
30%

External Assessment: Solo Performance
Final Performance: Students perform in a practical examination. A solo summative performance of 10-12 minutes must be presented.

Weighting
30%

School Based Assessment: Ensemble Performance
First Performance: Students perform in the Ensemble Performance for 9 minutes. Students are also required to individually perform a selection from their part in the Ensemble Performance.
Second Performance: Same requirements as the First Performance, but the performance must be 11 minutes.

Weighting
---
30%

40%

External Assessment: Ensemble Performance
Final Performance: Students perform in the ensemble in a practical exam, comprising one public performance of 10-12 minutes. Students are also required to individually perform a selection from their part in the Ensemble Performance.

Special Subject Costs or Requirements:
Each student is required to attend a weekly instrumental or vocal lesson. Students who do not have their own instrument can hire one from the school. The cost of hire in 2016 is $80.00 per semester. There is also a compulsory subject fee of $80.00 per semester.

Students are expected to commit to a school ensemble group and all associated rehearsals and performances. Students who require an accompanist are expected to cover these costs (subject fee will cover first $80.00).

Subject Coordinator:
Ms Meredith Arnold
Photography (Communication Products)

**Subject Length:** Full Year (20 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 Photography, Visual Arts – Art, Visual Arts – Design or Information Processing and Publishing A or B

**Subject Description:**
In this subject, students further develop their understanding and skills of Photography. They experiment with camera settings and investigate issues involved in this area including sustainability.

Students work in both traditional styles and also some modern creative aspects of presenting their images. This is a very practical subject with students working students a range of devices and presentation techniques. Students consolidate their skills in the area of black and white photography and develop their own style. They work within given design briefs as well as develop their own. Students use a range of digital imaging products to complete tasks.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
<th>School Based Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critiquing Task</td>
<td>10%</td>
</tr>
<tr>
<td>Product Design and Realisation Task</td>
<td>60%</td>
</tr>
</tbody>
</table>

**External Assessment**
Specialised Skills Task and Product

30%

**Special Subject Costs or Requirements:**
USB store drive, printing credit and folder.

A public exhibition will occur in the latter part of the year.

**Subject Coordinator:**
Mr Peter Cottle
Physical Education

Subject Length: Full Year (20 credit subject)

Desired Background: Theory topics covered in Stage 1 Physical Education A, Stage 1 Physical Education B and Stage 1 Physical Education – Personal Fitness Training

Subject Description:

Practical Skills and Applications
Students are required to complete three practical modules. These are negotiated from: Aquatics (Kayaking, Sailing, Windsurfing), Netball, Volleyball, Indoor Soccer, Basketball and Badminton.

Principles and Issues
Theory modules include:
• Exercise Physiology and Physical Activity
• Issues Analysis (topic chosen by students)
• The Acquisition of Skills and the Biomechanics of Movement

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Folio - written tests, worksheets and research assignments, Issues Analysis
Practical

Weighting
20%
50%

External Assessment
Examination - 2 hours

30%

Special Subject Costs or Requirements:
Students are expected to change into appropriate sporting clothing and footwear for practical lessons.

There is a cost associated with Aquatics, transport, equipment and some negotiated activities.
Cost: Approximately $60.00

Subject Coordinator:
Ms Dana Thomas
Physics

Subject Length: Full Year (20 credit subject)
Desired Background: Satisfactory completion of Stage 1 Physics A & B

Subject Description:
The study of Physics offers opportunities for students to understand and appreciate the natural world. This subject requires the interpretation of physical phenomena through a study of motion in two dimensions, electricity and magnetism, light and matter, and atoms and nuclei. As well as applying knowledge to solve problems, students develop skills in experimentation, investigation design, collection of information and communication through practical and other learning activities. Students gather evidence from experiments and research and acquire new knowledge through their own investigations.

Stage 2 Physics is organised into four sections. Each section is divided into four topics. Each topic includes an application.

<table>
<thead>
<tr>
<th>Section</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motion in Two Dimensions</td>
<td>• Projectile Motion</td>
</tr>
<tr>
<td></td>
<td>• Uniform Circular Motion</td>
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<tr>
<td></td>
<td>• Gravitation and Satellites</td>
</tr>
<tr>
<td></td>
<td>• Momentum in Two Dimensions</td>
</tr>
<tr>
<td>Electricity and Magnetism</td>
<td>• Electric Fields</td>
</tr>
<tr>
<td></td>
<td>• Magnetic Fields</td>
</tr>
<tr>
<td></td>
<td>• The Motion of Charged Particles in Electric Fields</td>
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<tr>
<td></td>
<td>• The Motion of Charged Particles in Magnetic Fields</td>
</tr>
<tr>
<td>Light and Matter</td>
<td>• Electromagnetic Waves</td>
</tr>
<tr>
<td></td>
<td>• The Interference of Light</td>
</tr>
<tr>
<td></td>
<td>• Photons</td>
</tr>
<tr>
<td></td>
<td>• Wave Behaviour of Particles</td>
</tr>
<tr>
<td>Atoms and Nuclei</td>
<td>• The Structure of the Atom</td>
</tr>
<tr>
<td></td>
<td>• The Structure of the Nucleus</td>
</tr>
<tr>
<td></td>
<td>• Radioactivity</td>
</tr>
<tr>
<td></td>
<td>• Nuclear Fission and Fusion</td>
</tr>
</tbody>
</table>

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Investigations Folio
  - including practical investigations and social relevance issues 40%
- Skills and Applications Tasks
  - including tests and research assignments 30%

External Assessment
- Examination - 3 hours 30%

Special Subject Costs or Requirements:
SÄSTA Revision Guide: Approximate cost $25.95
Physics Essentials Work Book: Approximate cost $47.00

Subject Coordinator:
Ms Helen Marussinzky
**Psychology**

**Subject Length:** Full Year (20 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 Psychology A and/or B

**Subject Description:**
The study of Psychology enables students to understand their own behaviours and the behaviours of others. It has direct relevance to their personal lives. Psychological knowledge can be applied to improve outcomes and the quality of experience in various areas of life, such as education, relationships, child rearing, employment and leisure.

Stage 2 Psychology builds on the scientific method by involving students in the collection and analysis of qualitative and quantitative data. By emphasising evidence based procedures (i.e. observation, experimentation and experience) the subject allows students to develop useful skills in analytical and critical thinking and in making inference.

**Topics:**
- Introduction to Psychology
- Learning
- Social Psychology
- Personality
- Alternative States of Awareness
- Healthy Minds

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:

**School Based Assessment**
- Investigations Folio
  - including practical investigations and social relevance issues
  - social relevance issues
    - 40%

- Skills and Applications Tasks
  - including tests and research assignments
    - 30%

**External Assessment**
- Examination - 2 hours
  - 30%

**Special Subject Costs or Requirements:**
- Psychology Essentials Work Book: Approximate cost $40.00
- SASTA Revision Guide: Approximate cost $21.95

**Subject Coordinator:**
Ms Helen Marussinszky
Specialist Mathematics

Subject Length: Full Year (20 credit subject)

Desired Background: An achievement of an A grade in Stage 1 Mathematics - Pure A and Mathematics - Pure B is required. It is also highly recommended that successful completion of Mathematics - Pure C is undertaken prior to the commencement of this course.

Subject Description: Through the study of Specialist Mathematics, students gain the insight, understanding, knowledge and skills to follow pathways that will lead them to become designers and makers of technology. The subject provides pathways into university courses in mathematical sciences, engineering, computer science, physical sciences and surveying. Students envisaging careers in other related fields, including economics and commerce, may also benefit from studying this subject.

Topics include:
- Trigonometric Preliminaries
- Polynomials and Complex Numbers
- Vectors and Geometry
- Calculus
- Differential Equations

Assessment: Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
Skills and Applications Tasks
Folio Work

Weighing
45%
25%

External Assessment
Examination - 3 Hours

Weighing
30%

Special Subject Costs or Requirements:
Students require a scientific calculator as well as a graphics calculator, either Texas TI-84+ graphics calculator or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

Revision Guide
Cost: Approximately $25.00

Subject Coordinator:
Mr Paul Wise
VET – Certificate II Retail Services (SIR20212)

**Subject Length:** Full Year (between 40 and 60 Stage 1 SACE credits)

**Desired Background:** Must be in Year 10, 11 or 12

**Subject Description:** This nationally recognised certificate in Retail Services provides students with skills and knowledge in key operational areas specific to the retail environment including how to operate retail equipment, interacting with customers and handle point of sales. Work placement is undertaken in various retail store settings in order to consolidate skills learned.

**Core Topics include:**
- Apply point of sale handling practices
- Apply safe work practices
- Communicate in the workplace to support team and customer outcomes
- Interact with customers
- Minimise loss
- Operate retail technology
- Organise and maintain work areas
- Work effectively in a customer service environment

Plus 6 elective units

**Assessments:**
Assessment is competency based with a range of practical and theory tasks.

**Special Subject Costs or Requirements:**
Students complete work placement in school holidays. Students attend off-site practicums requiring independent travel.

Cost: $400.00

**Subject Coordinator:**
Ms Jill Olifent
Visual Arts - Art

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Stage 1 Visual Arts – Art or Visual Arts - Design. Students must be able to work independently.

Subject Description:
Stage 2 Visual Arts – Art includes both artistic and crafting methods and outcomes, including the development of ideas, research, analysis and experimentation with media and techniques, and the production of art works.

Students express ideas through practical work using drawings, sketches, diagrams, models, prototypes, photographs and/or audio visual techniques leading to completed pieces. Students have opportunities to research, understand and reflect upon visual art works in cultural and historical contexts.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Folio
- Practical – including two major pieces and artists' statements

Weighting
- Folio: 30%
- Practical: 40%

External Assessment
- Visual Study
Weighting
- Visual Study: 30%

Special Subject Costs or Requirements:
Students may need to purchase or source specific material for their major art works.

Subject Coordinator:
Ms Meredith Arnold
Visual Arts - Design

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory achievement in Stage 1 Visual Arts – Design

Subject Description:
Students express ideas through practical work using drawings, sketches, diagrams, models, prototypes, photographs and/or audio visual techniques leading to completed pieces. Students have opportunities to research, understand and reflect upon design works in cultural and historical contexts.

The study of Stage 2 Visual Arts - Design includes graphic and communication design, environmental design and product design. It emphasises defining the problem, problem solving approaches, the generation of solutions and/or concepts, developing skills to communicate ideas, and completion of final design works.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

<table>
<thead>
<tr>
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<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folio</td>
<td>30%</td>
</tr>
<tr>
<td>Practical - including two major pieces and designers’ statements</td>
<td>40%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External Assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual Study</td>
<td>30%</td>
</tr>
</tbody>
</table>

Special Subject Costs or Requirements:
Students may need to purchase or source specific material for their major design works.

Subject Coordinator:
Ms Meredith Arnold
Women’s Studies

Subject Length: Full Year (20 credit subject)

Desired Background: Sound research, critical analysis skills, essay writing skills and persuasive writing skills are essential.

Subject Description:
Students look at the world from the perspectives of women. They examine the diversity of women’s experiences and their relationships to others while promoting an inclusive and just society. Students identify complex and contradictory ideas that exist about femininity and masculinity, and how being a woman or a man may influence an individual’s experiences and expectations.

Students study between four to six key issues selected from the following:
- Representations of Women in Cultural Texts
- Women and Work
- Family Life and Caring
- Health and Wellbeing
- Women and the Law
- Women’s Struggles, Achievements and Empowerment
- Women, Culture and Society
- Lifestyle and Choice
- Communication and Technology
- Development and Globalisation
- Negotiated Issue

Assessment:
Students demonstrate evidence of their learning through the following assessment types:

School Based Assessment
- Text Analysis (one or two tasks) 20%
- Essay 20%
- Folio (three tasks) 30%

External Assessment
- Issues Analysis 30%

Special Subject Costs or Requirements: Nil

Subject Coordinator: Ms Maria Ivey