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 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 successfully 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 and a grade from A+ to E- at Stage 2. For the compulsory subjects they need to achieve a final moderated grade of a 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
- Research Project - 10 credits
- 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>
</tr>
</thead>
<tbody>
<tr>
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<td>Choice Subject 10 Credits</td>
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<td>Choice Subject 10 Credits</td>
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<td>Personal Learning Plan - 10 Credits</td>
<td>Research Project - 10 Credits</td>
<td>Choice Subject 20 Credits</td>
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<td>Literacy</td>
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<td>Choice Subject 20 Credits</td>
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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

Year 11 - Stage 1

EXPECTATIONS OF YEAR 11 STUDENTS

Students:
- are expected to use their diaries 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
- must complete the Research Project with a final moderated result of a C- or better

SUBJECT SELECTION AT SACE STAGE 1

Students at Stage 1 study a minimum of 10 semester subjects and the Research Project worth 10 credits each. These will be a combination of Compulsory Subjects and Choice Subjects. Stage 1 students should take into account pathways to Stage 2 subjects as well as their post school options when making their subject selections.

SACE Stage 1 Requirements
- A full year of English or English as a Second Language (20 credits)
- One semester of Mathematics (10 credits)
  (Mathematics - Applications A or Mathematics - Pure A)
- Research Project (10 credits)
- Choice Subjects (70 credits)

Supervised Study

All Stage 1 students are allocated a number of supervised study lessons per week. The purpose of these lessons is to develop and support independent study practice and work on the Research Project. Students complete work independently under supervised conditions. For some students this may include Home Study.
**Choice Subjects**
Each SACE Stage 1 subject is 1 semester in length and worth 10 credits. Some subjects *must* be studied for a full year.

- Ancient Studies
- Biology A
- Biology B
- Business and Enterprise
- Chemistry A
- Chemistry B
- Dance A
- Dance B
- Drama A
- Drama B
- Fashion & Textiles (Material Products)
- Food & Hospitality - Catering
- Food & Nutrition
- French (Continuers) A
- French (Continuers) B
- Health Education
- Information Processing & Publishing A
- Information Processing & Publishing B
- Italian (Continuers) A
- Italian (Continuers) B
- Mathematics – Applications B
- Mathematics - Pure B
- Mathematics - Pure C
- Modern History
- Music
- Photography (Communication Products)
- Physical Education A
- Physical Education B
- Physics A
- Physics B
- Psychology A
- Psychology B
- Tourism
- Visual Arts – Art
- Visual Arts – Design
**Ancient Studies**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** An interest in history and the ancient world

**Subject Description:**
In Ancient Studies students learn about the history, literature, society and culture of ancient civilisations, which may include Asia-Australia, the Americas (Aztecs and Incas), Europe, Western Asia (Egypt, Mesopotamia and Persia) and the classical civilisations of Greece and Rome.

Students draw on many other fields of study including architecture, politics, religion and geography. Ancient Studies enables students to consider environmental, social, economic, religious, cultural and aesthetic factors that shape societies and provide a personal and shared identity.

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

- Folio
- Sources Analysis
- Special Study

**Special Subject Costs or Requirements:**
Nil.

**Subject Coordinator:**
Ms Maria Ivey
**Biology A**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Year 10 Science

**Subject Description:**
In this course students learn about the structure and function of cells and multicellular organisms. They will have the opportunity to look at the similarities and differences of the myriad of organisms from microscopic to macroscopic. They will be able to have experience with genetic engineering practices and gain an understanding of the changes in gene manipulation and how it may impact on their lives now and in the future. The mechanisms of reproduction in various organisms will also be analysed with an emphasis on human awareness issues.

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.

This is a practical based course, which introduces students to the following biological concepts:
- Body Systems
- Cells and Reproduction
- Genetics and Biotechnology

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio - including practical investigations & social relevance issues
- Skills and Applications Tasks - including tests and research assignments

**Special Subject Costs or Requirements:**
Excursion costs.

**Subject Coordinator:**
Ms Helen Marussinzky
Biology B

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Biology A

Subject Description:
In this course students learn about the diverse range of organisms which populate our planet and how the process of natural selection has enabled evolution to occur throughout this history of life on Earth.

Particular students follow the effect and uses of bacteria and their impact on our lives now and in the future. Students also look at the need for biodiversity and maintaining the health of ecosystems.

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 will investigate living things and their systems through a selection of the following topics:
- Microbes and Disease
- Human Physiology
- Ecology and Environment Study

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio - including practical investigations & social relevance issues
- Skills and Applications Tasks - including tests and research assignments

Special Subject Costs or Requirements:
Excursion costs.

Subject Coordinator:
Ms Helen Marussinzky
**Business and Enterprise**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** An interest in business and successful completion of Year 10 Humanities and Social Sciences

**Subject Description:**
Business and Enterprise focuses on learning about 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. They have the opportunity to reflect on current issues in business and enterprise and make informed decisions. Students evaluate the impact and effect of business, enterprises and technology on the well being and lifestyle of individuals, communities, the economy and the environment.

Business and Enterprise comprises two core topics and nine option topics. Students undertake one core topic and two to three option topics.

**Core Topics**
- Introduction to Business and Enterprise
- Business and Enterprise in Practice

**Option Topics**
- Establishing a Business
- Business Plans
- Business Management and Communication
- Financial Planning and Management
- Technology for Business
- Marketing
- Employment Relations
- Entrepreneurship: The Enterprising Person
- Global Business

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

- Folio
- Practical
- Issues Study

**Special Subject Costs or Requirements:**
Nil.

**Subject Coordinator:**
Ms Maria Ivey
**Chemistry A**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Year 10 Science

**Subject Description:**
In Chemistry A 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.

This practical based course introduces students to the concepts of Chemistry through a study of the following topics:
- Atomic Structure and Bonding
- Recognising Chemicals
- Acids, Bases and Salts
- Writing Chemical Equations
- Types of Reactions

This course runs in conjunction with Chemistry B as a prerequisite for Stage 2 Chemistry.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio- including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

**Special Subject Costs or Requirements:**
Chemistry Essentials Workbook
Cost: Approximately $30.00.

Excursions costs.

**Subject Coordinator:**
Ms Helen Marussinszky
Chemistry B

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 Chemistry A

**Subject Description:**
The study of Chemistry B 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.

Topics studied include:
- Chemical Quantities and Calculations
- Electrochemistry
- Quality Control
- Organic Chemistry and Making Ginger Wine

This course runs in conjunction with Chemistry A as a prerequisite for Stage 2 Chemistry.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio- including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

**Special Subject Costs or Requirements:**
Excursion costs.

**Subject Coordinator:**
Ms Helen Marussinzky
Dance A

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of at least one semester of Year 10 Dance. Students who have completed equivalent dance training in the community may apply for this subject in negotiation with the dance teacher.

Subject Description:
Students study dance 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 a range of global dance traditions, influences and perspectives.

The course is divided into four components:
- Technique: Students focus on building physical skills to enhance general fitness, a greater vocabulary of movement and increased body awareness.
- Composition: Students create original movement work based on a range of ideas and themes, either individually or in collaboration with others.
- Performance or Presentation: Students participate in performances throughout the semester. They may also have the opportunity to gain experience in an off stage role.
- Analytical Response: Students analyse and review a professional dance performance.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Technique
- Composition
- Performance
- Analytical Response

Special Subject Costs or Requirements:
Students are required to change into appropriate dance wear for each lesson. Students are also required to see a live performance in order to complete the Analytical Response section of this course.

Cost: Approximately $30.00.

There are some out of hours’ practices and performances required for this course.

Subject Coordinator:
Ms Meredith Arnold
Dance B

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of at least one semester of Year 10 Dance or Stage 1 Dance A. Students who have completed equivalent dance training in the community may apply for this subject in negotiation with the dance teacher.

**Subject Description:**
Students study contemporary dance 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 a range of global dance traditions, influences and perspectives.

The course is divided into four components:
- **Technique:** An extension of Stage 1 Dance A.
- **Composition:** Students learn a range of processes to support the creation of original movement using a variety of stimuli.
- **Performance or Presentation:** Students participate in whole class, group, duo or solo performances. They may also choose to work in an off stage role for the major public performance, in negotiation with the teacher.
- **Analytical Response:** Students analyse and review a dance performance. Students research contemporary dance issues as well as international dance pioneers.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Technique
- Composition
- Performance
- Analytical Response

**Special Subject Costs or Requirements:**
Students are required to change into appropriate dance wear for each lesson. Students are also required to see a live performance in order to complete the Analytical Response section of this course.

Cost: Approximately $30.00.

There are some out of hours’ practices and performances required for this course.

**Subject Coordinator:**
Ms Meredith Arnold
**Drama A**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of at least one semester of Year 10 Drama

**Subject Description:**
Students participate in the planning, rehearsal and performance of dramatic work. Students participate in creative problem solving and generate, analyse and evaluate ideas and develop personal interpretations of texts. The focus is on Realism in performance and design work.

Stage 1 Drama consists of the following three areas of study:
- Presentation: Students develop stagecraft skills through participation in an on stage or off stage role in a group production.
- Dramatic Theory and Practice: Emphasis is on the theories and practice of Realism.
- Individual Investigation and Presentation: Students research, create and present an individual performance or design task.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Performance
- Folio
- Investigation and Presentation

**Special Subject Costs or Requirements:**
Students are required to see a live performance in order to complete the review writing section of this course.

Cost: Approximately $20.00.

There may be some out of hours’ practices and performances required for this course.

**Subject Coordinator:**
Ms Meredith Arnold
Drama B

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Stage 1 Drama A or at least one semester of Year 10 Drama

Subject Description:
Students participate in the planning, rehearsal and performance of dramatic work. Students participate in creative problem solving and generate, analyse and evaluate ideas and develop personal interpretations of texts. The focus is on Anti-Realism in performance.

Stage 1 Drama consists of the following three areas of study:
- Presentation: Students develop stagecraft skills through participation in an on stage or off stage role in a group production.
- Dramatic Theory and Practice: Emphasis is on the theories and practice of Anti-Realism.
- Individual Investigation and Presentation: Students research, create and present an individual performance or design task.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Group Performance or Presentation
- Folio
- Investigation and Presentation

Special Subject Costs or Requirements:
Students are required to see a live performance in order to complete the review writing section of this course.

Cost: Approximately $20.00.

There may be some out of hours’ practices and performances required for this course.

Subject Coordinator:
Ms Meredith Arnold
English A

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 English

Subject Description:
In Stage 1 English, students read, view, write and compose, listen and speak, and use information and communication technologies in appropriate ways for different purposes.

In Stage 1 English students are required to read and respond to texts as well as produce texts.

Reading and Responding to Texts
Students explore a range of texts composed for different purposes and in various forms. They develop an understanding of how authors communicate and use examples of these texts to compose their own texts.

Producing Texts
Students provide evidence of the extent and quality of their learning in producing texts in written, oral or multimodal form.

Extended Study
Students develop awareness of the place and power of language in social and cultural contexts.

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

- Text Analysis
- Text Production
- Extended Study - Language study or connected text study

At least one task is oral. Each assessment task has a weighting of, at least, 20%.

Special Subject Costs or Requirements:
There may be an opportunity to attend a play or film. Teachers may choose to provide relevant excursions.

Students are required to purchase the Skills Workbook “Senior Skills Homework Program” by Wright & Legge.

Cost: Approximately $13.00 (available from Campion Education or MGHS booklist).

Subject Coordinator:
Ms Zinta Ozolins
English B

Subject Length: One Semester (10 credit subject)

Desired Background: A minimum of a C grade in Stage 1 English A

Subject Description:
In Stage 1 English, students read, view, write and compose, listen and speak, and use information and communication technologies in appropriate ways for different purposes. Students are also required to read and respond to texts as well as produce texts.

Reading and Responding to Texts
Students explore a range of texts composed for different purposes and in various forms. They develop an understanding of how authors communicate and are able to demonstrate this.

Producing Texts
Students provide evidence of the extent and quality of their learning through the production of texts in written, oral or multimodal form.

Extended Study
Students develop awareness of the place and power of language in social and cultural contexts.

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

- Text Analysis
- Text Production
- Extended Study - Language study or connected text study

At least one task is oral.
Each assessment task has a weighting of, at least, 20%.

Special Subject Costs or Requirements:
There may be an opportunity to attend a play or film. Teachers may choose to provide relevant excursions.

Subject Coordinator:
Ms Zinta Ozolins
English Studies

Subject Length: One Semester (10 credit subject)

Desired Background: Completion of Stage 1 English A at a high level

Subject Description:
This subject is designed to support students who may choose to follow an academic pathway. There is an increased focus on developing the skills of critical analysis and essay writing in preparation for English Studies at Stage 2. Students may, however, choose English Communications at Stage 2.

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

- Text Analysis
- Text Production
- Extended Study - Language study or connected text study

At least one task is oral
Each assessment task has a weighting of, at least, 20%

Special Subject Costs or Requirements:
There may be an opportunity to attend a play or film. Teachers may choose to provide relevant excursions.

Subject Coordinator:
Ms Zinta Ozolins
**English as a Second Language A & B**

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

**Desired Background:** English as a Second Language (ESL) is available for students who speak English as an Additional Language or Dialect (EALD) and whose knowledge of the English language is classified as restricted based on the SACE eligibility criteria.

**Subject Description:**
SACE Stage 1 English as a Second Language centres upon learning activities in which students respond to and produce a variety of texts, both oral and written, for different purposes and audiences.

In the *Text Study* students engage with and respond to a range of written, oral and multimodal texts and develop a deeper understanding of the way in which the language features and structure of text types differ depending on context(s).

The *Communication Study* exposes students to texts and contexts beyond the classroom, equipping them with an understanding of how to use language to persuade, influence and instruct.

Through the *Investigative Study* students learn to use language appropriately in situations beyond the classroom and to collect, analyse and synthesise information from diverse sources.

**Assessment:**
The SACE Stage 1 course is organised around the three assessment types outlined below:

*Text Study*
Assessment tasks encourage students to establish and express their own points of view on contemporary issues and/or topics of interest, and to use evidence to support arguments.

*Communication Study*
Students learn to independently construct oral and written texts for specific purposes and audiences.

*Investigative Study*
To develop their interpersonal and independent research skills students conduct an interview and an investigation into an area of personal interest.

**Special Subject Costs or Requirements:**
Nil.

**Subject Coordinator:**
Ms Zinta Ozolins
**Fashion & Textiles (Material Products)**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Year 10 Fashion

**Subject Description:**
Through the study of Design and Technology students develop the ability to identify, create, initiate and develop products, processes or systems. Students learn to use tools, materials and systems safely and competently to complete a product. They explore technologies in both contemporary and historical settings, and analyse the impacts of technology including social, environmental and sustainable consequences.

Students use a range of manufacturing technologies such as tools, machines, equipment and/or systems to design and make a garment.

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

- Skills and Applications Tasks
- Folio
- Product

**Special Subject Costs or Requirements:**
Students are required to provide their own Bernina bobbin, sewing kit and fabric for the garments or articles they choose to make.

**Subject Coordinator:**
Ms Sandy Alston
Food & Hospitality - Catering

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Food Studies

Subject Description:
Students examine the factors that influence people's food choices and the health implications of these choices. They understand the diverse purposes of the hospitality industry in meeting the needs of local people and visitors.

Students study topics within one or more of the following areas of study:
- Food, the Individual and the Family
- Local and Global Issues in Food and Hospitality
- Trends in Food and Culture
- Food and Safety
- Food and Hospitality Careers

Students work to develop food preparation, presentation and service skills. They plan, prepare and serve food for a variety of situations. In the process, they learn to apply knowledge of safety and hygiene practices, menu planning based on client needs and special occasion menus. They experience working with a wide variety of foods and technological equipment.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Practical Activity
- Group Activity
- Investigation

Special Subject Costs or Requirements:
Students are required to wear white tops and black pants or skirts for formal occasions.

Some out of hours’ commitment is required.

Cost: $40.00 per semester to assist with food costs.

Subject Coordinator:
Ms Sandy Alston
## Food & Nutrition

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Year 10 Food Studies

**Subject Description:**
Students examine the factors that influence people's food choices and the health implications of these choices. They understand the diverse purposes of the hospitality industry in meeting the needs of local people and visitors.

Students study topics within one or more of the following areas of study:
- Food, the Individual and the Family
- Trends in Food and Culture
- Food and Safety
- Food Intolerances and Allergies

Students study the current food model “The Australian Guide to Healthy Eating” as well as an in depth investigation into the role of the essential nutrients. The course also involves research into the food needs of people of various ages, those with specific dietary requirements and factors which affect food choices, including culture. Practical work is based on associated theory.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Practical Activity
- Group Activity
- Investigation

**Special Subject Costs or Requirements:**
Cost: $40.00 per semester to assist with food costs.

**Subject Coordinator:**
Ms Sandy Alston
French (Continuers) A & B

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Year 10 French

Subject Description:
Students interact with others to share information, ideas, opinions and experiences. They create texts in French to express information, feelings, ideas and opinions from their own and other people’s perspectives. They analyse texts to interpret meaning, and examine relationships between language, culture and identity, and reflect on the ways in which culture influences communication.

Stage 1 French at Continuers level consists of three themes and a number of prescribed topics and suggested sub-topics.

Themes:
- The Individual (sub-topics: Relationships, Rights and Responsibilities, School Experiences and Aspirations, Hobbies and Sporting Trends)
- The French Speaking Communities (sub-topics: Cinema, Literature, Festivals)
- The Changing World (sub-topics: Industries, Lifestyles, Education)

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

- Interaction
- Text Production
- Text Analysis
- Investigation

Special Subject Costs or Requirements:
Students need to have a bilingual dictionary (approximate cost $30.00). They also need to purchase a workbook, which includes a CD (approximate cost $35.00). They may use a Verb Wheel (approximate cost $15.00). Students may have the opportunity to participate in exchange programs, but this is not an expectation. There may be costs associated with excursions to restaurants, cinema and/or exhibitions.

Subject Coordinator:
Ms Maria Ivey
**Health Education**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Year 10 Health

**Subject Description:**
Students recognise the various factors that shape the behaviour and attitudes of individuals and groups in relation to healthy living and caring for themselves and the environment. Students develop skills to consider how changing social structures, community values, environmental issues and new technologies affect the health and well being of individuals and communities.

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

- Issues Response
- Group Activity
- Investigation

**Special Subject Costs or Requirements:**
Some excursions may incur a cost.

**Subject Coordinator:**
Ms Sandy Alston
**Information Processing & Publishing A**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Nil

**Subject Description:**
The topics studied have a practical basis and emphasise the development of skills and understanding in designing, making and critiquing publications and presentations and consist of:
- Digital Presentations
- Digital Publishing
- Personal Publishing

Digital Presentations involve the development of digital presentations to enhance information presented to an audience in personal, community or business contexts. Students consider issues related to the production and use of digital presentations.

Digital Publishing involves the development of products to be published in a digital format. Students who undertake this topic develop skills in the creation, manipulation, storage and use of digital media to solve publishing problems in personal, community or business contexts. Students consider issues related to the production and use of digital publications.

Personal Publishing involves the use of software appropriate to paper based publications. It also provides a sound basis for the investigation and use of new personal publishing tools in the future. The type of publishing software used depends on the learning context and the needs of the students. They consider issues related to information processing and publishing for personal use. Students follow the design process to produce products for personal use or paper based publications such as essays, letters, reports, flyers, menus and invitations.

Students use a variety of industry accepted software applications such as Adobe Design Suite. All students use the Internet as a research tool and have the opportunity to use hardware such as digital cameras, scanners and photocopiers.

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Practical Skills
- Product and Documentation
- Issues Analysis

**Special Subject Costs or Requirements:**
USB Store Drive, Internet Access and Printing Credit.

**Subject Coordinator:**
Mr Peter Cottle
# Information Processing & Publishing B

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Nil

**Subject Description:**
The focus in Information Processing and Publishing B is to make the school’s Year Book. Business publishing combines the use of software, principles of design and an understanding of the processes and procedures involved in producing business publications. Integral aspects of this topic include publication design and the production of paper based publications such as letters, business reports, agendas and minutes of meetings, invitations, menus, advertisements, itineraries, business forms and brochures. However, this course does focus on the design and commercial printing processes of commercial multi page documents such as magazines.

Students research an issue related to the work environment and develop skills in applying a design process.

Students use Adobe Photoshop CS4 and Adobe InDesign CS4 in the execution of their assessment tasks. 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:

- Practical Skills
- Product and Documentation
- Issues Analysis

**Special Subject Costs or Requirements:**
USB Store Drive, Internet Access and Printing Credit.

**Subject Coordinator:**
Mr Peter Cottle
Italian (Continuers) A & B

Subject Length: Full Year (20 credit subject)
Desired Background: Satisfactory completion of Year 10 Italian

Subject Description:
Students interact with others to share information, ideas, opinions and experiences. They create texts in Italian to express information, feelings, ideas and opinions from their own and other people’s perspectives. They analyse texts to interpret meaning and examine relationships between language, culture and identity, and reflect on the ways in which culture influences communication. They learn about aspects of Italian life and culture through the study of written, aural and audio visual texts.

Content:
Stage 1 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, Leisure, School, Future Aspirations)
- The Italian Speaking Communities (sub-topics: Art, Music, Cuisine, History, Sport)
- The Changing World (sub-topics: Technology, Work, Travel, Environment)

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

- Interaction
- Text Production
- Text Analysis
- Investigation

Special Subject Costs or Requirements:
Students need to have a bilingual dictionary (approximate cost $30.00). They may use a Verb Wheel (approximate cost $15.00). Students may have the opportunity to participate in exchange programs, but this is not an expectation. There may be costs associated with excursions to restaurants, cinema and/or exhibitions.

Subject Coordinator:
Ms Maria Ivey
Mathematics - Applications A

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Mathematics

Subject Description:
Students develop their ability to apply mathematical skills and processes to real life problems from a variety of contexts including the community, industry and the business world. Students use graphics calculators and mathematical software to consolidate their understanding of mathematical concepts and to analyse and interpret real life mathematical models.

Topics include:
- Earning and Spending
- Data in Context
- Functions and Graphs

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Skills and Applications Tasks (tests)
- Folio Work (assignments)

Special Subject Costs or Requirements:
Students require a scientific calculator and are encouraged to have a TI-84+ graphics calculator.

Cost: Approximately $195.00.

Subject Coordinator:
Mr Alex Bambrough
Mathematics - Applications B

Subject Length: One Semester (10 credit subject)

Desired Background: A minimum of a C grade in Stage 1 Mathematics - Applications A or Mathematics - Pure A

Subject Description:
Students develop their ability to apply mathematical skills and processes to real life problems from a variety of contexts with a particular emphasis on the business world. Students use graphics calculators and mathematical software to consolidate their understanding of mathematical concepts and to analyse and interpret real life mathematical models. There is a significant emphasis on using formulae and performing calculations.

Topics include:
- Saving and Borrowing
- Statistics

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

- Skills and Applications Tasks (tests)
- Folio Work (assignments)

Special Subject Costs or Requirements:
Students require a scientific calculator and are encouraged to have a TI-84+ graphics calculator.

Cost: Approximately $195.00.

Subject Coordinator:
Mr Alex Bambrough
Mathematics - Pure A

Subject Length: One Semester (10 credit subject)
Desired Background: A minimum of a B grade in Year 10 Mathematics B – Pure

Subject Description:
This course aims to further develop students’ understanding of mathematical ideas, concepts, skills and processes. The learned mathematical methods and principles will be used in problem solving, including real life situations. Students use graphics calculators and mathematical software to analyse and interpret mathematical models.

Topics include:
- Statistics
- Probability
- Quadratics and Other Polynomials

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

- Skills and Applications Tasks (tests)
- Folio Work (assignments)

Special Subject Costs or Requirements:
Students require a scientific calculator and are encouraged to have a Texas TI-84+ graphics calculator.

Cost: Approximately $195.00.

Subject Coordinator:
Mr Alex Bambrough
Mathematics - Pure B

Subject Length: One Semester (10 credit subject)

Desired Background: A minimum of a C grade in Stage 1 Mathematics – Pure A

Subject Description:
This course aims to further develop students’ understanding of mathematical ideas, concepts, skills and processes. The learned mathematical models and principles will be used in problem solving, including real life situations. Students use graphics calculators and mathematical software to analyse and interpret mathematical models. There is a significant emphasis on the application and interpretation of two and three dimensional Coordinate Geometry, algebraic notation and the use of exponential and power graphs in mathematics.

Topics include:
- Coordinate Geometry
- Functions and Graphs
- Models of Growth

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

- Skills and Applications Tasks (tests)
- Folio Work (assignments)

Special Subject Costs or Requirements:
Students require a scientific calculator and are encouraged to have a Texas TI-84+ graphics calculator.

Cost: Approximately $195.00.

Subject Coordinator:
Mr Alex Bambrough
<table>
<thead>
<tr>
<th><strong>Mathematics - Pure C</strong></th>
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<tr>
<td><strong>Subject Length:</strong></td>
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<tr>
<td><strong>Desired Background:</strong></td>
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</table>

**Subject Description:**
This course aims to further develop students’ understanding of mathematical ideas, concepts, skills and processes. The learned mathematical models and principles will be used in problem solving, including real life situations. Students use graphics calculators and mathematical software to analyse and interpret mathematical models. There is a significant emphasis on Geometry and the application of Trigonometry to problem solving.

Topics include:
- Geometry and Mensuration
- Planar Geometry
- Periodic Phenomena

This course is highly recommended for students who wish to study Stage 2 Mathematics, particularly Mathematical Studies or Specialist Mathematics.

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

- Skills and Applications Tasks (tests)
- Folio Work (assignments)

**Special Subject Costs or Requirements:**
Students require a scientific calculator and are encouraged to have a Texas TI-84+ graphics calculator.

Cost: Approximately $195.00.

**Subject Coordinator:**
Mr Alex Bambrough
Modern History

Subject Length: One Semester (10 credit subject)
Desired Background: Successful completion of Year 10 Humanities and Social Sciences

Subject Description:
The subject of History gives students the opportunity to make sense of a complex and rapidly changing world by connecting the past and the 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.

In Stage 1 History students use the skills of historical inquiry to complete three historical studies, thematic or depth, one from each of:

- A Comparative Study of The Great Depression
- Nazi Germany
- Changes in Women’s Lives

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

- Folio
- Source Analysis
- Investigation

Special Subject Costs or Requirements:
Nil.

Subject Coordinator:
Ms Maria Ivey
Music A & B

Subject Length: Full Year (20 credit subject)

Desired Background: Year 10 Music or two years development on a musical instrument or voice

Subject Description:
Students have the opportunity to engage in musical activities such as performing, composing and arranging, researching and developing and applying music technologies. Students benefit from the opportunity to develop their practical and creative potential, oral and written skills, and their capacity to make informed interpretative and aesthetic judgements.

Students have the opportunity to engage in some of the following activities:
- Composing, Arranging, Transcribing, Improvising
- Performing
- Music Technology
- Music in Contexts
- Developing Theory and Aural Skills

The emphasis is on performance and the practical application of theoretical knowledge and skills. Students take part in public performances during the year.

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

- Skills Presentation: Performing as a soloist and in an ensemble
- Skills Development: Improving skills on a nominated instrument
- Folio: Theory: Harmony, triads, key signatures, intervals, cadences
  Arranging: Arrangements for a number of instruments
  History/Analysis: Exploration of different periods of music and their social contexts including 20th Century musical styles

Special Subject Costs or Requirements:
Students who do not have their own instrument can hire one from the school. The cost of hire in 2013 is $60.00 per semester. There is also a compulsory subject fee of $60.00 per semester. Attending concerts may be required for writing reviews.

Students are expected to commit to a school ensemble and all associated rehearsals and performances. There are some out of hours’ requirements for this course.

Subject Coordinator:
Ms Meredith Arnold
Photography (Communication Products)

Subject Length: One Semester (10 credit subject)
Desired Background: Satisfactory completion of Year 10 Photography

Subject Description:
Through the study of Design & Technology students develop the ability to identify, create, initiate and develop products, processes or systems. Students learn to use tools, materials and systems safely and competently to complete a product. They explore technologies in both contemporary and historical settings, and analyse the impacts of technology including social, environmental and sustainable consequences.

Students develop their skills using a Single Lens Reflex (SLR) camera. They are introduced to a range of darkroom techniques to enhance images.

Students develop their skills in digital imagery by using Adobe Photoshop CS4 to produce products to meet a range of set design briefs.

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

- Skills and Application Tasks
- Folio
- Product

Special Subject Costs or Requirements:
USB Store Drive, Internet Access and Printing Credit.

Subject Coordinator:
Mr Peter Cottle
Physical Education A

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of a Year 10 Physical Education course

Subject Description:
This course consists of theory components of fitness and practical activities. Theory topics include an introduction to body systems and their responses to physical activity. Students participate in a Sports Medicine and Injuries Awareness Course. Students also develop their skills and understanding of badminton and other negotiated practical activities.

Assessment:
Students are required to complete a variety of assessment tasks and undertake an Issues Analysis. They are assessed on their skill level, game sense and initiative shown in practical activities.

Special Subject Costs or Requirements:
Students are expected to change into appropriate clothing and footwear for practical lessons. There is an approximate cost of $30.00 to cover the cost of the Sports Medicine and Injuries Awareness Course and there may be transport and equipment costs for some negotiated activities.

Subject Coordinator:
Ms Sandy Alston
Physical Education B

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Physical Education - Personal Fitness Training / Recreation and a commitment to being active and improving physical skills

Subject Description:
It is highly recommended that students who intend to study Stage 2 Physical Education study this course. An understanding of the theory topics covered in this course is assumed knowledge for Stage 2 Physical Education.

This course consists of theory and practical activities. Students also develop their skills and knowledge of volleyball, aquatics and other negotiated activities. Theory topics include an introduction to acute training effects, components of fitness training principles and methods and energy systems.

Assessment:
Students are required to complete a variety of assessment tasks and undertake an Issues Analysis. They are assessed on their skill level and game sense in practical activities.

Special Subject Costs or Requirements:
Students are expected to change into appropriate clothing and footwear for practical lessons. There is an approximate cost of $50.00 to cover Aquatics activities and there may be equipment costs for some negotiated activities.

Subject Coordinator:
Ms Sandy Alston
Physics A

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Year 10 Science

**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, forces, energy and mechanics. As well as applying knowledge to solve problems, students develop experimental, investigation design, information, and communication skills through practical and other learning activities. Students gather evidence from experiments and acquire new knowledge through their own investigations and research.

Topics:
- Motion
- Force
- Energy

This course runs in conjunction with Stage 1 Physics B and is a prerequisite for Stage 2 Physics.

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

- Investigations Folio - including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

**Special Subject Costs or Requirements:**
There will be an approximate cost of $15.00 to cover excursions and materials.

**Subject Coordinator:**
Ms Helen Marussinzky
Physics B

Subject Length: One Semester (10 credit subject)
Desired Background: Satisfactory completion of Stage 1 Physics A

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 electricity and magnetism, light and matter, and nuclear fission. As well as applying knowledge to solve problems, students develop experimental, investigation design, information, and communication skills through practical and other learning activities. Students gather evidence from experiments and acquire new knowledge through their own investigations and research.

Students further develop their understanding of interactions that occur in the universe through the following topics:
- Electromagnetism
- Sound and Light
- Nuclear Physics

This course runs in conjunction with Stage 1 Physics A and is a prerequisite for Stage 2 Physics.

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio - including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

Special Subject Costs or Requirements:
There will be an approximate cost of $15.00 to cover excursions and materials.

Subject Coordinator:
Ms Helen Marussinszky
**Psychology A**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Year 10 Science and above average literacy and comprehension skills

**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 1 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 inferences.

Students study an ‘Introduction to Psychology’ and two other topics, which include:
- Social Influence and Social Interaction
- Memory and Cognition

**Assessment:**
Students demonstrate evidence of their learning through the following assessment types:
- Investigations Folio - including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

**Special Subject Costs or Requirements:**
Nil.

**Subject Coordinator:**
Ms Helen Marussinzky
Psychology B

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Science or Stage 1 Psychology A

Subject Description:
The study of Psychology enables students to further 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, intimate relationships, child rearing, employment and leisure.

Stage 1 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 inferences.

This course further develops students’ understanding of Psychology and consists of three topics, which may include:

- Brain and Behaviour
- Human Development
- Emotion

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

- Investigations Folio - including practical investigations and social relevance issues
- Skills and Applications Tasks - including tests and research assignments

Special Subject Costs or Requirements:
Nil.

Subject Coordinator:
Ms Helen Marussinszky
Research Project

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Nil

**Subject Description:**
The Research Project is a compulsory Stage 2 subject of the SACE but is studied in Year 11 at Mitcham Girls High School. Students must complete the Research Project with a moderated C-grade or better.

Students choose a research topic based on an area of interest. They use the research framework as a guide to developing their research and to apply knowledge and skills specific to their research topic, and at least one of the capabilities: communication, citizenship, personal development, work or learning.

The four parts of the research framework are:
- Initiating, Planning and Managing the Research
- Carrying out the Research
- Communicating the Research Outcome
- Evaluating the Research

The Research Project can take many forms, for example:
- community based projects, such as developing a parenting course or a youth leadership program
- technical or practical activities, such as designing or repairing a ride on lawn mower or building a robot
- work related research, such as improving work rosters at a certain workplace or investigating jobs
- subject related research, such as historical investigation or scientific study

**Assessment:**
Assessment of the Research Project is 70% school based assessment and 30% external moderated assessment.

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<tr>
<th>Assessment Type</th>
<th>Weighting</th>
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<tbody>
<tr>
<td>Assessment Type 1</td>
<td>Folio: Comprising – Proposal, Research Development, Discussion 40%</td>
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<tr>
<td>Assessment Type 2</td>
<td>Research Outcome 30%</td>
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<td></td>
<td>External Assessment 30%</td>
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<tr>
<td>Assessment Type 3</td>
<td>Evaluation</td>
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**Special Cost Requirements:**
Nil.

**Subject Coordinator:**
Ms Sue Howlett
Tourism

Subject Length: One Semester (10 credit subject)

Desired Background: An interest in Tourism and successful completion of Year 10 Humanities and Social Sciences

Subject Description:
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.

Students study from the following list of themes and topics:

Themes:
- Understanding the Tourism Industry
- Identifying Visitors and Hosts
- Creating Sustainable Tourism
- Working in the Tourism Industry

Topics:
- Investigating the History of Tourism
- Exploring Tourism in the Local Area
- Preparing for International Travel

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

- Case Study
- Source Analysis
- Practical Activity
- Investigation

Special Subject Costs or Requirements:
Excursions cost: Approximately $50.00.
USB Store Drive.

Subject Coordinator:
Ms Maria Ivey
Visual Arts – Art

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of at least one semester of Year 10 Art, Craft or Design

Subject Description:
This subject includes both artistic and crafting methods and outcomes. Students complete a series of eight skilled exercises in a variety of media, methods and technologies and one resolved art work. They are required to write a supporting artist’s statement.

A visual study includes exploration and experimentation with a variety of styles, media and techniques based on research and analysis of artists’ work.

The following three areas of study are covered:
- Visual Thinking
- Practical Resolution
- Visual Arts in Context

Assessment:
Students demonstrate evidence of their learning through the following assessment types:
- Folio
- Practical – including an artist’s statement
- Visual Study

Special Subject Costs or Requirements:
Students may need to purchase or source specific materials for their major practical art piece.

Subject Coordinator:
Ms Meredith Arnold
**Visual Arts - Design**

**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of at least one semester of Year 10 Art, Craft or Design

**Subject Description:**
This subject includes all areas of designing, e.g. graphic design, architecture and fashion design. Students complete ten problem solving tasks based on creative thinking techniques. They choose one major practical design task and write a supporting designer’s statement. Eight journals are completed addressing historical and contemporary designers, design issues and career pathways.

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

- Folio
- Practical and Statement
- Journals

**Special Subject Costs or Requirements:**
Students may need to purchase or source specific materials for their major practical design work.

**Subject Coordinator:**
Ms Meredith Arnold