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.

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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 11 Students**

Students:
- 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
- are expected to use their diaries or electronic means for the recording of homework, deadlines and tests
- 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 compulsory subjects 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.

Students at Year 10 will have the opportunity to study some SACE Stage 1 choice subjects. Increasing the number of students accessing SACE Stage 1 choice subjects increases the number of classes we can run, and consequently allows a much greater degree of success for Year 11 students when allocating them to classes in the school’s timetable.

**SACE Stage 1 Requirements**

- A full year of English: (20 credits)
  - English or English as an Additional Language (EAL) or Essential English
- One semester of Mathematics: (10 credits)
  - Essential Mathematics A or General Mathematics 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 these times may include the option of studying at home.
**Choice Subjects**
Each SACE Stage 1 subject is one semester in length and worth 10 credits. Some subjects *must* be studied for a full year.

Ancient Studies A
Biology A
Biology B
Business and Enterprise
Chemistry A
Chemistry B
Dance A
Dance B
Drama C
Drama D
Food & Hospitality - Catering
Food & Nutrition
French (Continuers) A
French (Continuers) B
General Mathematics B
Health
Information Processing and Publishing A
Information Processing and Publishing B
Italian (Continuers) A
Italian (Continuers) B
Mathematics (Pure B)
Modern History
Multimedia C (Communication Products)
Multimedia D (Communication Products)
Music A
Music B
Photography C (Communication Products)
Photography D (Communication Products)
Physical Education A
Physical Education B
Physics A
Physics B
Psychology A
Psychology B
Technology Studies C (Material Products)
Technology Studies D (Material Products)
Textiles (Material Products)
Tourism A
Visual Arts – Art C
Visual Arts – Art D
Visual Arts – Craft A
Visual Arts – Design C
Visual Arts – Design D
VET – Certificate II Retail Services
Ancient Studies A

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:**
Students learn about the structure and function of cells and multicellular organisms. They have the opportunity to look at the similarities and differences of the myriad of organisms from microscopic to macroscopic. They are 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 are also 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:**
Cost: Approximately $10.00 for excursions

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

Subject Length: One Semester (10 credit subject)

 Desired Background: Satisfactory completion of Biology A

Subject Description:
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 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:
Cost: Approximately $10.00 for excursions

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 wellbeing 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:
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 $49.00

Cost: Approximately $10.00 for excursions

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

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

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

**Subject Description:**
This 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:**
Cost: Approximately $10.00 for excursions

**Subject Coordinator:**
Ms Helen Marussinszky
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
- Compulsory participation in a public performance out of school hours

**Special Subject Costs or Requirements:**
Students are required to change into appropriate dance wear for each lesson. For performance, students are required to attend some out of hours practices and 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 semester.

Students are also required to see a live performance in order to complete the Analytical Response section of this course.

Cost: Approximately $30.00, plus cost of leotard/tights/footwear

**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
- Compulsory participation in a public performance out of school hours

Special Subject Costs or Requirements:
Students are required to change into appropriate dance wear for each lesson. For performance, students are required to attend some out of hours practices and 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 semester.

Students are also required to see a live performance in order to complete the Analytical Response section of this course.

Cost: Approximately $30.00, plus cost of leotard/tights/footwear

Subject Coordinator:
Ms Meredith Arnold
Drama C

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of at least one semester of SACE Drama A and/or B

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 Australian Drama and Theatre 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 small groups and individual performances.
- Dramatic Theory and Practice - Emphasis is on the theories and practice of Australian Drama and Theatre.
- 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:
There may be some out of hours practices and performances required for this course.

Students are required to attend a live performance in order to complete the review writing section of this course.

Cost: Approximately $20.00

Subject Coordinator:
Ms Meredith Arnold
**Subject Length:** One Semester (10 credit subject)

**Desired Background:** Satisfactory completion of Stage 1 Drama A or at least one semester of SACE Drama A and/or B

**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 World Theatre 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 World Theatre.
- **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:**
There may be some out of hours practices and performances required for this course.

Students are required to see a live performance in order to complete the review writing section of this course.

**Cost:** Approximately $20.00

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

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
Students read, view and respond to a range of mainly literary texts, and create texts for different purposes. In addition, they examine the connections between texts in the Intertextuality study. A key course requirement is a willingness to read independently outside of class time. This subject leads to both English and English Literary Studies at Stage 2 in 2017.

Responding to Texts
Students come to understand connections between purpose, context, and audience and how these are achieved through language and stylistic choices. They analyse the ideas, perspectives, and influences expressed in texts and how these shape their own and others’ views. Students also analyse ways in which language and stylistic features shape perspectives and influence readers in a variety of modes.

Creating Texts
Students create imaginative, interpretive, and/or persuasive texts for different purposes, contexts, and audiences in written, oral, and/or multimodal forms. They experiment with text conventions, language features, and multimodal techniques observed in text analysis to develop and sustain voice, tone, and style in their own text. In creating texts, students aim to achieve a level of precision, fluency, and coherence appropriate for audience and context.

Intertextuality Study
Students explore and evaluate similarities and differences and how different texts are constructed to influence responses. They develop increased awareness of the connections between texts and ways in which language and/or stylistic features and text conventions can be manipulated to present similar ideas in diverse ways.

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

- Responding to texts
- Creating texts
- Intertextuality study

They complete four assessment tasks in total. At least one must be presented as an oral or multimodal presentation. Each assessment task has a minimum weighting of 20%.

Special Subject Costs or Requirements:
There may be an opportunity to attend a play or film as part of study in this course.

Subject coordinator:
Ms Laura Harvey
English B

Subject Length: One Semester (10 credit subject)

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

Subject Description:
Students read, view, write and compose, listen and speak, and use Information and Communication Technology in appropriate ways for different purposes. Students are required to read and respond to texts as well as produce texts. This subject leads to both English and English Literary Studies at Stage 2 in 2017.

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 Laura Harvey
English as an Additional Language (EAL) A

Subject Length: One Semester (10 credit subject)

Desired Background: EAL (formerly known as ESL) is available for students who speak English as an additional language or dialect and whose knowledge of the English language is classified as restricted based on the SACE eligibility criteria.

Subject Description:
In this course, students exchange information, opinions, and experiences through writing and speaking in a range of situations and contexts. They understand and analyse how language features are used to communicate for different purposes, and reflect on perspectives presented in texts. Students create oral, written, and multimodal texts using a range of language skills appropriate to purpose, audience and context. This subject provides the foundation for further study in Stage 2 English as an Additional Language.

Responding to Texts
Students read and view a variety of texts including literary, media, and everyday texts. They demonstrate comprehension of ideas in texts, and understanding of text structure and language used for particular purposes. They are assessed on clarity and coherence of communication, and application of text conventions in their responses to text/s. Students complete one written response to texts and one oral response to texts.

Interactive Study
In the interactive study, students complete task one or two. In the first task, students (the interviewers) conduct an oral interview with one or more people about an issue or an aspect of cultural life; the findings are presented in a written report. In the second, students individually explain, and discuss with their teacher and/or a small group of students an idea, opinion, or perspective they have studied with reference to two or more texts.

Applied Language Activity
For an applied language activity students identify and analyse the effectiveness of aspects of language used in a variety of texts. Analysis should focus on reflection on personal, social, and cultural perspectives in the chosen texts, and/or on analysis of ways in which textual conventions are used for specific purposes and audiences.

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

- Responding to texts
- Interactive study – Interview or Discussion
- Applied language activity

Students complete four assessments across these types for a 10 credit subject. Each assessment type has a weighting of at least 20%.

Special Subject Costs or Requirements:
Nil

Subject Coordinator:
Ms Laura Harvey
English as an Additional Language (EAL) B

Subject Length: One Semester (10 credit subject)

Desired Background: EAL (formerly known as ESL) is available for students who speak English as an additional language or dialect and whose knowledge of the English language is classified as restricted based on the SACE eligibility criteria.

Subject Description:
In this course, students exchange information, opinions, and experiences through writing and speaking in a range of situations and contexts. They understand and analyse how language features are used to communicate for different purposes, and reflect on perspectives presented in texts. Students create oral, written, and multimodal texts using a range of language skills appropriate to purpose, audience and context. This subject provides the foundation for further study in Stage 2 English as an Additional Language.

Responding to Texts
Students read and view a variety of texts including literary, media, and everyday texts. They demonstrate comprehension of ideas in texts, and understanding of text structure and language used for particular purposes. They are assessed on clarity and coherence of communication, and application of text conventions in their responses to text/s. Students complete one written response to texts and one oral response to texts.

Interactive Study
In the interactive study, students complete task one or two. In the first task, students (the interviewers) conduct an oral interview with one or more people about an issue or an aspect of cultural life; the findings are presented in a written report. In the second, students individually explain, and discuss with their teacher and/or a small group of students an idea, opinion, or perspective they have studied with reference to two or more texts.

Applied Language Activity
For an applied language activity students identify and analyse the effectiveness of aspects of language used in a variety of texts. Analysis should focus on reflection on personal, social, and cultural perspectives in the chosen texts, and/or on analysis of ways in which textual conventions are used for specific purposes and audiences.

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

- Responding to texts
- Interactive study – Interview or Discussion
- Applied language activity

Students complete four assessments across these types for a 10 credit subject. Each assessment type has a weighting of at least 20%.

Special Subject Costs or Requirements:
Nil

Subject Coordinator:
Ms Laura Harvey
**Essential English A**

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

**Desired Background:** Nil

**Subject Description:**
In this course, students develop communication skills through reading, viewing, writing, listening, and speaking. They understand and interpret a range of texts, and express ideas, information, and perspectives using different textual conventions. The course is designed to offer students choice, and to cater for those not wishing to pursue the academic study of literary texts. This subject provides students with basic English language skills as a pathway through the SACE. This subject leads to Stage 2 Essential English in 2017.

**Responding to Texts**
Students consider a variety of ways in which texts communicate information, ideas, and perspectives. Students examine and respond to how language is used in social, cultural, community, workplace, and/or imagined contexts. They identify and develop an understanding of ways in which:

- language is used and composed for different purposes, audiences, and contexts
- structural and language features are used to establish the main ideas, communicate meaning, and/or influence opinion

**Creating Texts**
Students develop their skills in using appropriate vocabulary, accurate spelling, punctuation, and grammar to enable effective communication. They create a range of texts using appropriate language features, content and mediums for different purposes, audiences and contexts.

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

- Responding to texts
- Creating texts

They complete four assessment tasks in total. At least one must be presented as an oral or multimodal presentation. Each assessment task has a minimum weighting of 20%.

**Special Subject Costs or Requirements:**
As part of study in this course, there may be an opportunity for students to attend an excursion, to the cinema for example.

**Subject Coordinator:**
Ms Laura Harvey
Essential English B

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
In this course, students develop communication skills through reading, viewing, writing, listening, and speaking. They understand and interpret a range of texts, and express ideas, information, and perspectives using different textual conventions. The course is designed to offer students choice, and to cater for those not wishing to pursue the academic study of literary texts. This subject provides students with basic English language skills as a pathway through the SACE. This subject leads to Stage 2 Essential English in 2017.

Responding to Texts
Students consider a variety of ways in which texts communicate information, ideas, and perspectives. Students examine and respond to how language is used in social, cultural, community, workplace, and/or imagined contexts. They identify and develop an understanding of ways in which:

- language is used and composed for different purposes, audiences, and contexts
- structural and language features are used to establish the main ideas, communicate meaning, and/or influence opinion.

Creating Texts
Students develop their skills in using appropriate vocabulary, accurate spelling, punctuation, and grammar to enable effective communication. They create a range of texts using appropriate language features, content and mediums for different purposes, audiences and contexts.

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

- Responding to texts
- Creating texts

They complete four assessment tasks in total. At least one must be presented as an oral or multimodal presentation. Each assessment task has a minimum weighting of 20%.

Special Subject Costs or Requirements:
As part of study in this course, there may be an opportunity for students to attend an excursion, to the cinema for example.

Subject Coordinator:
Ms Laura Harvey
Essential Mathematics A

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Mathematics

Subject Description:
Students develop their ability to understand a range of practical problems and use their mathematical knowledge to find solutions. There is a strong emphasis on the use of technology, including mathematical software and graphical calculators, to explore and consolidate mathematical concepts.

Topics include:
- Calculations
- Applications of measurement
- Algebra
- 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 SRD.

Subject Coordinator:
Mr Paul Wise
Food and 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:
- 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.

Students are required to assist with food costs.

Cost: Approximately $40.00 - $50.00 per semester

Subject Coordinator:
Ms Sarah Gray
Food and Nutrition

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 9 Health Education and Home Economics

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:
• 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 complete 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:
Students are required to assist with food costs.

Cost: Approximately $40.00 - $50.00 per semester

Subject Coordinator:
Ms Sarah Gray
French (Continuers) A & B

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

**Desired Background:** Satisfactory completion of Year 10 French A & B

**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. They learn about aspects of French life and culture through the study of written, aural and audio visual texts.

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

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

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

- Interaction
- Text Production
- Text Analysis
- Investigation

**Special Subject Costs or Requirements:**
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 Marla Ivey
General Mathematics A

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

**Desired Background:** A minimum of C grade in Year 10 Mathematics

**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:
- Consumer arithmetic
- Algebra and matrices
- Shape and measurement

**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 graphics calculator, either a TI-84+ or a Casio fx-9860G AU Plus, particularly if continuing with Stage 2 General Mathematics in 2017.

Cost: Approximately $195.00

**Subject Coordinator:**
Mr Paul Wise
General Mathematics B

Subject Length: One Semester (10 credit subject)

Desired Background: A minimum C grade in Year 10 Mathematics or successful completion of Stage 1 General Mathematics A

Subject Description: Students develop their understanding of mathematical ideas, concepts, skills and processes. The learned mathematical methods and principles are used in problem solving, including real life situations. Students use graphics calculators and mathematical software to analyse and interpret mathematical models.

Topics include:
- Univariate data analysis
- Linear equations and their graphs
- Applications of Trigonometry

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 graphics calculator, either a TI-84+ or a Casio fx-9860G AU Plus, particularly if continuing with Stage 2 General Mathematics in 2017.

Cost: Approximately $195.00

Subject Coordinator:
Mr Paul Wise
Health

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of Year 10 Health Education

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 wellbeing 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 Dana Thomas
Information Processing and Publishing A

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
Students undertake practical tasks which emphasise the development of skills and understanding in designing, making and critiquing publications and presentations. This includes:
• Digital Presentations
• Digital Publishing
• Personal Publishing
• Business 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 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. Students consider issues related to information processing and publishing for personal use. They 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, printing credit and folder.

Subject Coordinator:
Mr Peter Cottle
Information Processing and Publishing B

Subject Length: One Semester (10 credit subject)
 Desired Background: Nil

Subject Description:
Students focus on Personal documentation and Business publishing which 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. Students also 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 CS6 and Adobe InDesign CS6 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, printing credit and folder.

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

Subject Length: Full Year (20 credit subject)

Desired Background: Satisfactory completion of Year 10 Italian A & B

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.

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

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:

- Interaction
- Text Production
- Text Analysis
- Investigation

Special Subject Costs or Requirements:
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 (Pure A)

Subject Length: One Semester (10 credit subject)

Desired Background: A minimum of a C grade in Mathematics 10A

Subject Description:
Students gain the knowledge and skills necessary for Stage 2 Mathematical Methods and Specialist Mathematics. It includes a strong focus on Algebra and Probability.

Stage 2 Mathematical Methods can lead to tertiary studies of economics, computer sciences, and the sciences. It prepares students for courses and careers that may involve the use of statistics, such as health or social sciences.

Stage 2 Specialist Mathematics can be a pathway to mathematical sciences and engineering. Specialist Mathematics is designed to be studied in conjunction with Mathematical Methods.

Topics may include:
- Functions and graphs
- Trigonometric functions
- Counting and probability
- Combinatorics
- Vectors in the plane
- Geometry

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 as well as a graphics calculator, either a Texas TI-84+ or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

Subject Coordinator:
Mr Paul Wise
Mathematics (Pure B)

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

**Desired Background:** A minimum of a C grade in Year 10 Mathematics 10A or successful completion of Mathematics (Pure A)

**Subject Description:**
Students develop their understanding of mathematical ideas, concepts, skills and processes. The learned mathematical models and principles are 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 Algebra, its applications in problem solving and an introduction to the use of derivatives in optimisation problems.

Topics may include:
- Exponential functions
- Arithmetic and geometric sequences and series
- Differential calculus
- Trigonometry
- Matrices
- Real and Complex Numbers

This course is highly recommended for students who wish to study Stage 2 Mathematical Methods 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 as well as a graphics calculator, either Texas TI-84+ or Casio fx-9860G AU Plus.

Cost: Approximately $195.00

**Subject Coordinator:**
Mr Paul Wise
Modern History

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

**Desired Background:** Successful completion of Year 10 Humanities and Social Sciences

**Subject Description:**
Students are given 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, they 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.

Students use the skills of historical inquiry to complete two historical studies and to answer the question "Why does change occur?".

**Topics include:**
- The French Revolution
- Movements for Change in the Twentieth Century
- Women in World War II

**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
Multimedia C (Communication Products)

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

**Desired Background:** Nil

**Subject Description:**
Students who have completed Multimedia A and B have the opportunity to further develop their skills and knowledge.

Students develop a more detailed knowledge of the effective use of multimedia. They look at advanced techniques and develop an understanding of issues and processes. Students negotiate several activities and focus points resulting in a more individualized and specialised course content.

Students investigate media used by marketing companies, graphic designers and filming companies. They design and create different media for different audiences including areas from Multimedia A and B. Students cover user interaction, good design principles and life cycles of information, as well as an investigation and analysis of an issue within the industry.

**Areas covered:**
- Marketing techniques
- Photo editing
- Desktop publishing
- Stop motion and Claymation
- Special effects working with audio and video
- Website construction
- Programming, e.g. App analysis and development
- Multimedia presentations
- Audio / Video editing
- Device specific software analysis and use
- User friendly interactive platforms and interfaces
- Camera techniques and Filming techniques, e.g. Panning

Students develop an understanding of cybersafety, copyright, identifying different types of media, how to convert files into different formats, how computer systems use these files and best practices techniques. Students gain awareness of the importance of designing for sustainability through current sustainable technologies, materials, design innovation and practitioners.

**Assessment:**
- Skills and Application tasks
- Folio
- Product

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

**Subject Coordinator:**
Mr Peter Cottle
**Multimedia D (Communication Products)**

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

**Desired Background:** Nil

**Subject Description:**
Multimedia provides students with a unique opportunity to understand how media works. There is an increasing reliance upon electronic communication devices and the related ethical and moral issues. Students critically examine both the medium and the message and articulate a response. Students develop a better understanding of the appropriate and effective use of different media. They identify, create and explain processes, products and systems. They use a wide variety of software applications and media for a variety of situations and audiences.

Students who have completed Multimedia A or B have the opportunity to negotiate to further develop their skills and knowledge obtained.

Students learn how to use compositing software to combine still images, live action, audio and texts and how to use industry standard software to create negotiated products that are interactive and appealing to desired audiences.

These include:
- Capturing and editing images, audio and video
- File conversion
- Film production techniques such as green screen and special effects
- Basic Animation
- 3D text,
- Infographics, Font creation
- Game development
- Students analyse available software apps design and create their own
- Work with a graphical editor such as Photoshop to manipulate and create from scratch images and designs
- Desktop publishing - InDesign

Students develop a basic understanding of animation, film production, electronic and hard copy presentations and video/audio editing as well as covering fundamentals of Desktop publishing. They focus on the information and system life cycle, processes used for media and design and implementation of digital solutions. Students gain a foundation and understanding of the design principles, colour theory and colour forecasting essential to the field of design.

**Assessment:**
- Skills and Application tasks
- Folio
- Product

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

**Subject Coordinator:**
Mr Peter Cottle
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, Improvising
- Performing
- Music Technology
- Music in Context
- 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 2016 is $80.00 per semester. There is also a compulsory subject fee of $80.00 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 C (Communication Products)

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
This course focuses on Digital Photography. Students learn to set up cameras, adjust settings and upload onto different platforms such as Laptops, Macintosh computers, and desktop computers. Students undertake a comprehensive study of Photography editing and presentation software/apps such as Photoshop. Areas covered are styles of photography, creative photography editing techniques and repairing damaged images.

Students 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.

Further, students look at more advanced settings on the camera and develop their knowledge and skills in the wet photography processing area.

Assessment:
- Skills and Application tasks
- Folio
- Product

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

Subject Coordinator:
Mr Peter Cottle
## Photography D (Communication Products)

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

**Desired Background:** Nil

**Subject Description:**
Students focus on Digital Photography and traditional Photography including developing films in wet photography. They look at setting up different devices and cameras, adjusting settings and uploading on to different platforms such as Laptops, Macintosh computers, and desktop computers. Students look at specialised tools and further develop their understanding of composition and setting up the camera for different situations. They work with aperture, ISO and shutter speed as well as editing techniques used in industry. Students comprehensively look at Photography editing and presentation software/apps such as Photoshop as well as looking at different platforms to present their images including Flash, Web slide shows and Multimedia presentations.

Students identify, create, initiate and develop products, processes or systems. They 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 also look at hierarchical storage and naming conventions, sustainability file conversions for different purposes and investigate issues such as ownership and advancing technology.

**Assessment:**
- Skills and Application tasks
- Folio
- Product

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

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

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of SACE Physical Education A and/or SACE Physical Education – Personal Fitness Training

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 a range of negotiated practical activities.

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

Special Subject Costs or Requirements:
Students are expected to change into the sports uniform and appropriate footwear for all lessons.

There may be transport and equipment costs for some negotiated activities.

Sports Medicine and Injuries Awareness Course
Cost: Approximately $30.00

Subject Coordinator:
Ms Dana Thomas
Physical Education B

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of SACE Physical Education A and/or SACE Physical Education – Personal Fitness Training

Subject Description:
It is highly recommended that students who intend to study Stage 2 Physical Education complete this course. An understanding of the theory topics covered in these courses is assumed knowledge for students studying 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 body systems, 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 the sports uniform and appropriate footwear for all lessons.

There is a cost associated with Aquatics, transport, equipment and some negotiated activities.

Cost: Approximately $50.00

Subject Coordinator:
Ms Dana Thomas
Physics A

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

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

**Subject Description:**
Students have opportunities to understand and appreciate the natural world. They undertake 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 skills in experimentation, investigation design, collection of information and communication 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:**
Cost: Approximately $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:
Students have the opportunity to understand and appreciate the natural world. They undertake the interpretation of physical phenomena through a study of electricity and magnetism, light and matter, and nuclear physics. 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 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:
Cost: Approximately $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:**
Students are enabled 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 Marussinszky
Psychology B

Subject Length: One Semester (10 credit subject)

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

Subject Description:
Students are enabled 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, experimentaton 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. In general, students undertake Research Project B which requires a written external assessment. With rare exceptions, the result from Research Project B will contribute to a student's ATAR in 2016.

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

**Subject Coordinator:**
Ms Sue Howlett
Technology Studies C (Material Products)

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
Students focus on properties of wood based materials, and how to work with them, as well as the use of technology in wood based manufacturing industries. The program has a practical orientation with supporting investigation and design work built in.

The focus of this course is furniture construction. They investigate different techniques, issues for sustainability and life cycles of materials and joining techniques of materials. Their major product utilises skills and knowledge gained to produce a structure such as a cabinet.

Safe work practices are an integral part of all practical activities.

Assessment:
- Skills and Application tasks
- Folio
- Product

Special Subject Costs or Requirements:
Basic materials are provided. Any excess use may require payment.

Subject Coordinator:
Mr Peter Cottle
Technology Studies D (Material Products)

Subject Length: One Semester (10 credit subject)

Desired Background: Nil

Subject Description:
Students focus on properties of materials, motion, force and aerodynamics, as well as the use of technology in the manufacturing industry. The program has a practical orientation with supporting investigation and design.

Students are required to follow a working drawing and experiment with different techniques. They investigate issues for sustainability and life cycles of materials. Their major product utilises skills and knowledge gained to produce a CO\textsubscript{2} dragster.

Safe work practices are an integral part of all practical activities.

Assessment:
- Skills and Application tasks
- Folio
- Product

Special Subject Costs or Requirements:
Basic materials are provided. Any excess use may require payment.

Subject Coordinator:
Mr Peter Cottle
Textiles (Material Products)

Subject Length: One Semester (10 credit subject)

Desired Background: Year 10 Textiles

Subject Description:
Through the study of Design and Technologies 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.

Cost: Approximately $40.00

Subject Coordinator:
Ms Sarah Gray
Tourism A

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 the following 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:
USB store drive.

Cost: Approximately $50.00 for excursions

Subject Coordinator:
Ms Maria Ivey
Visual Arts - Art C

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of a semester of Year 8 or 9 Visual Arts - Art or SACE Visual Arts - Art A and/or B is preferable

Subject Description:
Students complete a series of six skill exercises in a variety of media, methods and technologies and one resolved art work. They are required to write a supporting artist’s statement.

Two visual studies include exploration and experimentation with a variety of styles, media and techniques based on written research and analysis of artists’ work.

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

- Folio
- Practical – including an artist’s statement
- Visual Study

Students are assessed on their knowledge and skills in the preparatory work, the resolution of their ideas in a final art work and their understanding displayed in the written research and analysis of artists’ work.

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 - Art D

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of a semester of Year 9 Visual Arts - Art or Year 10 Visual Arts - Craft or SACE Visual Arts – Art A and/or B is preferable

Subject Description:
Students complete a series of six skill exercises in a variety of media, methods and technologies and one resolved art work. They are required to write a supporting artist’s statement.

Two visual studies include exploration and experimentation with a variety of styles, media and techniques based on written research and analysis of artists’ work.

The media, methods and technologies vary from SACE Visual Arts – Art A, B and C.

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

- Folio
- Practical – including an artist’s statement
- Visual Study

Students are assessed on their knowledge and skills in the preparatory work, the resolution of their ideas in a final art work and their understanding displayed in the written research and analysis of artists’ work.

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 - Craft A

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

**Desired Background:** Satisfactory completion of a semester of Year 8 and/or Year 9 Visual Arts - Art

**Subject Description:** Students complete a series of five skill exercises in a variety of media, methods and technologies and one resolved craft work. They are required to write a supporting statement.

Two visual studies include exploration and experimentation with a variety of styles, media and techniques based on written research and analysis of a craftperson’s work.

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

- Folio
- Practical – including a supporting statement
- Visual Study

Students are assessed on their knowledge and skills in the preparatory work, the resolution of their ideas in a final craft work and the understanding displayed in the written research and analysis of a craftperson’s work.

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

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

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

**Desired Background:** Satisfactory completion of a semester of Year 9 Visual Arts - Art or Year 10 Visual Arts - Craft or SACE Visual Arts – Design A and/or B is preferable

**Subject Description:**
This subject builds knowledge and skills in the process 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. Two visual studies are completed addressing historical and contemporary designers, design issues and career pathways.

Design genres vary from Visual Arts – Design A and B.

**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
Visual Arts - Design D

Subject Length: One Semester (10 credit subject)

Desired Background: Satisfactory completion of a semester of Year 9 Visual Arts – Art or Year 10 Visual Arts - Craft or SACE Visual Arts – Design A and/or B is preferable

Subject Description:
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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. Two visual studies are completed addressing historical and contemporary designers, design issues and career pathways.

Design genres vary from Visual Arts – Design A, B and C.

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
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 Olfent