

## SACE STAGE 2 SUBJECTS

(HR = HESS Restricted    HG = HESS General)

| GROUP 1 SUBJECTS<br>(Arts / Humanities / Social & Cultural) |         | GROUP 2 SUBJECTS<br>(Mathematics / Science / Technology) |         |
|---|---------|--|---------|
| Art Practical (2 units)                                     | HR      | Accounting Studies (2 units)                             | HG      |
| Business Studies (2 units)                                  | HG      | Biology (2 units)  | HG      |
| Community Studies (2 units)                                 | NO HESS | Chemistry (2 units)                                      | HG      |
| Dance (2 units)   | HR      | Community Studies (1/2 units)                            | NO HESS |
| Dance Studies (2 units)                                     | HG      | Contemp. Issues & Science (Human Biology) (2 units)      | HR      |
| Design Practical (2 units)                                  | HR      | Contemp. Issues & Science (Physical) (2 units)           | HR      |
| Drama (2 units)   | HR      | Design & Technology                                      |         |
| Drama Studies (2 units)                                     | HG      | • Analogue Systems (1 unit)                              | HR      |
| Early Child Studies (2 units)                               | HG      | • Digital Systems (1 unit)                               | HR      |
| Economics (2 units)   | HG      | • Furniture Construction (1 unit)                        | HR      |
| English Communications (2 units)                            | HG      | • Metal Engineering - Welding (1 unit)                   | HR      |
| English Studies (2 units)                                   | HG      | • Technical Graphics (2 units)                           | HR      |
| Food & Hospitality (2 units)                                | HG      | Digital Multimedia (Technology) (2 units)                | HR      |
| French Accelerated (2 units)                                | HG      | Info. Processing – Desktop Publishing (1 unit)           | HR      |
| Geography (2 units)   | HR      | Info. Processing – Personal Documents (1 unit)           | HR      |
| Geography Studies (2 units)                                 | HG      | Information Technology (VET) – (2 units)                 | HR      |
| Japanese Continuers (2 units)                               | HG      | Mathematical Applications (2 units)                      | HR      |
| Legal Studies (2 units)                                     | HG      | Mathematical Studies (2 units)                           | HG      |
| Modern History - European (2 units)                         | HG      | Music Technology (2 units)                               | HR/HG   |
| Music (2 units)   | HG /HR  | Nutrition (2 units)                                      | HG      |
| Outdoor & Environmental Ed. (2 units)                       | HR      | Physical Education (2 units)                             | HG      |
| Small Business Enterprise (2 units)                         | HR      | Physics (2 units)  | HG      |
| Spanish Continuers (2 units)                                | HG      | Psychology (2 units)                                     | HG      |
| Studies of Society (2 units)                                | HG      | Specialist Mathematics (2 units)                         | HG      |
| Tourism (2 units)   | HG      |  |         |
| Visual Arts Studies (2 units)                               | HG      |  |         |

### GROUP 1 or 2 SUBJECTS

Sport & Recreation in the Community (Community Studies) – No HESS status.

## SACE STAGE 2 SUBJECTS

### ACCOUNTING STUDIES

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

#### ADVICE TO STUDENTS

Studies in Accounting at Stage 1 are desirable.

#### CONTENT

This is a 2-unit subject. There are three compulsory topics :

- The Environment of Accounting
- Financial Accounting
- Management Accounting

Students are required to understand a number of key accounting concepts and need to be able to apply and interpret them in preparing financial information.

Students need to develop an understanding of effective management in maximising the resources of the business and minimising risk.

#### ASSESSMENT :

Examination 50%  
Course work 50%

### ART PRACTICAL

STAGE 2 - GROUP 1  
HESS RESTRICTED (2 UNITS)

#### ADVICE TO STUDENTS

It is assumed that students selecting this course have a strong interest in the Visual Arts and have successfully completed a year of art at Stage 1 level.

Students will need a recommendation from their Visual Arts teacher.

#### CONTENT / ASSESSMENT

There are 3 components:

- Practical Studies 50%  
Inspiration, development, creation and presentation of two original art works, plus portfolio of back-up idea development and technical experimentation for each major.
- Practical Extension 20%  
A twenty A3 page folio of developmental practical work where skill and competent handling of various media and techniques will be explored.

- Investigative Study 30%

Three separate independent research topics related to Art. Each topic will conclude with a written 1,000 word presentation.

### BIOLOGY

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

#### ADVICE TO STUDENTS

It is recommended that students have a "C" Grade or higher in Stage 1 Biology, Chemistry or Physics (or equivalent).

Students will need to purchase a practical work book which contains the required summative practicals (approximately \$12.50).

It is also recommended that a Revision Guide is purchased (approximately \$12.50).

#### CONTENT

The content of the course is organised into 4 items :

- Macromolecules
- Cells
- Organisms
- Ecosystems.

Each of the themes are divided into 6 threads : Organisation, Selectivity, Energy Flow, Perpetuation, Evolution and Human Awareness.

The course aims to develop :

- an understanding of key biological ideas
- an awareness of social implications of biological knowledge and advances in biology
- an understanding of the scientific method
- communication skills using appropriate biological language
- practical skills
- problem solving skills
- research skills using a variety of resources

#### ASSESSMENT

|                        |       |
|------------------------|-------|
| Examination            | 50%   |
| Course work            | 22.5% |
| Practical work         | 17.5% |
| Human Awareness Essays | 10%   |

## BUSINESS STUDIES

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

It is assumed students have achieved an "SA" for Stage 1 English and will read at least one newspaper daily.

Semester 1 consists of the following 2 topics: "The Business Environment" and "The Work Environment".

### SEMESTER 2

2 topics will be selected from the following:

- Business and Finance
- Business and the Government
- Business and the Law
- Business and technology
- Additional Compulsory Component: An investigative study of either a micro, small or medium sized business.

### ASSESSMENT

|                     |     |
|---------------------|-----|
| Folio               | 50% |
| Examination         | 20% |
| Investigative Study | 30% |

## CHEMISTRY

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Students should have completed a full year of Stage 1 Chemistry and obtained SA and a minimum "C" Grade. An "Essentials Workbook" and a Revision Guide will need to be purchased at a total cost of about \$50.

### CONTENT

The major components are :

- Chemical reactions, types, direction, extent, rate, stoichiometry and energetics.
- Atomic structure and periodic classification, chemical bonding.
- Metals, non-metals, and their compounds.
- Modern industrial, commercial and domestic application of chemistry.
- The chemistry or organic compounds.

The presentation of these should be such as to impart an awareness of coherence in the subject.

### ASSESSMENT :

|                         |       |
|-------------------------|-------|
| External Examination    | 50%   |
| Tests & Assignments     | 25%   |
| Practical Reports       | 17.5% |
| Social Relevance Report | 7.5%  |

## COMMUNITY STUDIES

STAGE 2 - GROUP 1 or 2  
NO HESS STATUS  
(number of units to be negotiated)

### ADVICE TO STUDENT

These programs are individually negotiated contracts that focus on the student's interests and the skills that each individual learner brings to this subject.

The subject area requirement is an individual study area with each student completing a contract, which becomes an approved SSABSA course of study. This subject area requires the student to negotiate a study plan, assist in developing their learning tasks and devise and present a major Community assignment.

Students can be recommended by Faculty Coordinators, Counsellors, and Year Level Managers or may be considered through the student Review processes. Parents may also nominate students. If students are recommended through these processes, their families will be invited to be part of the discussions to clarify the support needed from home.

Students wishing to study this subject should apply to the Counsellors or Special Needs Coordinator/Senior School Coordinator.

### CONTENT

In this subject students

- negotiate major projects, which will allow them to develop knowledge and skills in areas of interest.
- set achievable goals and develop plans
- develop decision making skills
- evaluate achievements through feedback and reflection
- use the community to assist their learning

Community Studies has units across all curriculum areas and can be either a group 1 or 2 subject depending on the focus of the project.

ASSESSMENT : The final assessment is a Satisfactory or a Not Satisfactory and is **not** awarded a mark between 1-20.

Results of this subject **cannot be used for a tertiary entry score** but can be used to fulfill the SACE pattern.

## CONTEMPORARY ISSUES AND SCIENCE (HUMAN BIOLOGY)

STAGE 2 - GROUP 2  
HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

Although no previous knowledge is assumed for this subject, students should have satisfactorily completed Year 10 Science. This course is recommended for students achieving a "C" or below in Stage 1 Biology and who do not require this choice to be for tertiary entrance. Satisfactory results in Stage 1 Human Biology and Environmental Biology will provide an excellent foundation for this course. This subject cannot be taken with Biology, Chemistry or Physics. A small amount of practical work will involve dissections.

### CONTENT

The course aims to develop students' understanding of the ways in which scientific knowledge is acquired, constructed and applied.

Through C.I.A.S. students come to appreciate how scientific and technical knowledge informs contemporary social debate.

Students are encouraged to identify the dilemmas that arise because of the different points of view people hold. This will enable them to make informed decisions about modifying and interacting with their world.

The theme of this course is "From Birth to Death". Topics include :

"The Nature of Science" : principles of experimentation, new areas of scientific research.

"18 Ways to Have a Baby" : human reproductive system, reproductive technology, birth control, S.T.D.s.

"Fit for Life – Bursting with Energy" : muscular system, cardio-respiratory system, heart rate, blood pressure, fitness for good health, cardiovascular disease.

"Is Fat an Organ? Food, Digestion and Wellbeing" : nutrition, balanced diet, digestive system.

"How am I Going to Die – The Search for Better Health" : the importance of cleanliness, microbes and disease causes, the immune system, orthodox and alternative medicine.

### ASSESSMENT :

This is an internally examined, but externally moderated 2-unit subject. Assessment includes 50% continuous assessment, 20% practical investigation and 15% collaborative presentation. There is NO exam in this assessment. The continuous assessment includes 2 practical reports, one test, one research assignment and one presentation.

## CONTEMPORARY ISSUES AND SCIENCE (PHYSICAL)

STAGE 2 - GROUP 2  
HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

The pre-requisite is a satisfactory achievement in a Stage 1 Science course or a pass in Year 10 Science, making it open to most students in Year 12. It is a full-year subject, which generally appeals to students from a variety of backgrounds. Cannot combine with Physics / Chemistry / Biology / Contemporary Issues in Science (Human Biology).

### CONTENT

- Applied Physics – electricity, energy, mechanics.
- Applied Chemistry – laboratory based.
- Fuels.
- Geology – applied to resources.
- Alternative Energy Sources.

The course aims to develop in students :

- an understanding of the nature of science and the science method
- an understanding of Science as it applies in their world now and in the early years of their post-secondary employment, education and training
- skills, which are useful in every day life
- to provide pathways to traineeships, apprenticeships, TAFE and some Applied University courses.

**ASSESSMENT :** This is an internally examined, but externally moderated 2-unit subject. Assessment includes continuous assessment involving practicals, presentations, assignments, tests, a major student investigation, industry visit and one final 2-hour exam.

## DANCE

STAGE 2 - GROUP 1  
HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

Some prior dance training is required. Appropriate dance wear is essential. Additional rehearsal time and performance attendance will be required.

### CONTENT / ASSESSMENT

|                          |     |
|--------------------------|-----|
| Technique & Composition  | 40% |
| Group Production         | 30% |
| Out & About presentation | 10% |
| Written Expression       | 20% |

**DANCE STUDIES**

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Prior dance training is essential. Appropriate dance wear is essential.

Additional rehearsal time and performance attendance will be required of the students.

**CONTENT / ASSESSMENT**

|   |     |
|---|-----|
| Technique   | 25% |
| Choreography  | 20% |
| Group Production  | 25% |
| Dance Perspectives (Historical and Contemporary issues) |     |
| External Examination                                    | 30% |

**DESIGN & TECHNOLOGY - ANALOGUE SYSTEMS**

STAGE 2 - GROUP 2  
HESS RESTRICTED (1 UNIT)

**ADVICE TO STUDENTS**

There are no pre-requisites although a basic knowledge of Electronics at Year 10 or Year 11 level would be an advantage.

**CONTENT**

This course will introduce the semiconductor material and how it works in diodes and transistors.

Using the transistor as a switch and as an amplifier. Using sensing devices to operate control circuitry and using relays as interface devices.

Using diodes in rectification circuits to change AC into DC while learning about bridge, smoothing and stabilising circuits.

The design and manufacture of printed circuit boards is also covered.

**ASSESSMENT :**

School based assessment, moderated by SSABSA.

|           |       |
|-----------|-------|
| Practical | (70%) |
| Written   | (30%) |

**DESIGN & TECHNOLOGY - DIGITAL SYSTEMS**

STAGE 2 - GROUP 2  
HESS RESTRICTED (1 UNIT)

**ADVICE TO STUDENTS**

There are no pre-requisites although a basic knowledge of Electronics at Year 10 or Year 11 level would be an advantage.

**CONTENT**

This course continues on from Stage 1 and covers the basic 6 logic gates and their truth tables. It looks at combining logic gates to form various flip-flops that can count and divide. It covers the binary and hexadecimal number system. Also building working circuits on breadboards and designing a printed circuit board and building a digital circuit.

**ASSESSMENT :** School based assessment, moderated by SSABSA.

|           |       |
|-----------|-------|
| Practical | (70%) |
| Written   | (30%) |

**DESIGN & TECHNOLOGY – FURNITURE CONSTRUCTION**

STAGE 2 - GROUP 2  
HESS RESTRICTED (1 UNIT)

**ADVICE TO STUDENTS**

Additional cost of materials may be required. Prior experience of Wood Technology and CAD (computer aided design) would be an advantage.

**CONTENT**

This course extends the fundamental concepts and skills developed in the senior school.

Course requirements are connected to the following focus areas of learning:

critiquing - students evaluate technologies and their own progress when designing & making.

designing - students design an aspect of a *prescribed* timber framed project, and /or undertake a designing task.

making - includes practical tasks *and* computer generated outcomes.

**ASSESSMENT :** School based assessment, moderated by SSABSA.

|           |       |
|-----------|-------|
| Practical | (70%) |
| Written   | (30%) |

## DESIGN & TECHNOLOGY – METALS ENGINEERING - WELDING

### STAGE 2 - GROUP 2 HESS RESTRICTED (1 UNIT)

#### ADVICE TO STUDENTS

Additional cost of materials may be required.

Prior experience of Metal Technology would be an advantage.

#### CONTENT

This course extends the fundamental concepts and skills developed in the senior school.

Course requirements are connected to the following focus areas of learning:

Critiquing - students evaluate technologies and their own progress when designing & making.

Designing - students *negotiate* and design an elementary practical project based on the *prescribed* Design Brief.

Making - includes assigned practical tasks and the negotiated project.

Practical outcomes constitute a maximum of 50% of this course.

#### ASSESSMENT :

School based assessment, moderated by SSABSA.

Practical (70%)

Written (30%)

## DESIGN & TECHNOLOGY - TECHNICAL GRAPHICS

### STAGE 2 - GROUP 2 HESS RESTRICTED (2 UNITS)

#### ADVICE TO STUDENTS

This program does not assume any previous drawing experience but some knowledge and skills in this area would be beneficial.

#### CONTENT

##### SEMESTER 1

This course is centred around the development of an understanding of producing CAD drawings in third angle projection (2D) using the CAD package Qikdraw. Course requirements are connected to the following focus areas of learning, critiquing, designing and making (producing).

ASSESSMENT : Summative tasks include a 2D CAD drawing with dimensions, an issues essay, a Design Folio (chess set), and a short examination. School based assessment, moderated by SSABSA.

Practical (70%)

Written (30%)

##### SEMESTER 2

This course is centred around the development of an understanding of producing 3D CAD isometric drawings using the CAD package Qikdraw. Course requirements are connected to the following focus areas of learning, critiquing, designing and making (producing).

ASSESSMENT : Summative tasks include 3D CAD isometric drawings with and without dimensions including printing in colour, a major 2D and 3D CAD exploded isometric, and a short examination.

School based assessment, moderated by SSABSA.

Practical (70%)

Written (30%)

## DESIGN PRACTICAL

### STAGE 2 - GROUP 1 HESS RESTRICTED (2 UNITS)

#### ADVICE TO STUDENTS

It is assumed that students selecting this course have a strong interest in Design and have successfully completed a year of Design or Art at Stage 1 level. Students will need a recommendation from their Visual Art Teacher.

#### CONTENT / ASSESSMENT

There are 3 components

- (i) Completion of two original projects from the areas of Graphic, Product or Environmental Design presented as drawings or models with support material showing the design process.
- (ii) Students develop their skills and understanding of different types of Design presentation techniques by compiling a folder of practical examples 20 x A3 pages.
- (iii) Three separate independent research topics related to design. Each topic will conclude with a written 1,000 word presentation.

School based assessment, moderated by SSABSA.

Practical (70%)

**Written (30%)**

**DIGITAL MULTIMEDIA (TECHNOLOGY)**

STAGE 2 - GROUP 2  
HESS RESTRICTED (2 UNITS)

**ADVICE TO STUDENTS**

Students should have successfully completed Stage 1 Digital Multimedia.

**CONTENT**

Students will gain skills in all aspects of multimedia, exploring the technical and creative aspects of sound, graphics, animation and desktop video production.

The main focus is on 3D animation. Other topics include :

- prepare and embed multimedia graphics and sound
- desktop video production using Vegas 4
- project management
- copyright
- CD/DVD authoring, mastering, formats
- integrated technologies
- critiquing product design

**ASSESSMENT** : School based assessment, moderated by SSABSA.

Practical (70%)

Written (30%)

**DRAMA**

STAGE 2 - GROUP 1  
HESS RESTRICTED (2 UNITS)

**ADVICE TO STUDENTS**

Students will be required to participate in out of hours rehearsals and performances and view productions for the purpose of critical review writing.

**CONTENT****SEMESTER 1**

Assessment component one involves all students taking Part in a Group Production. Students work in the area of Theatre in which they are most skilled.

This may be on or off stage. This section is assessed by an outside moderator and is weighted at 30%.

Assessment component two is a production report of between 1500 and 2000 words and is weighted at 20%.

**SEMESTER 2**

Assessment Component three requires each student to present an Individual Study. Students may select the study focus and style of presentation to suit their own skills and abilities.

This section is assessed by an outside moderator and is weighted at 30%. (Students may choose to write an Individual Study report of 1500 to 2000 words instead of the group production report.)

Assessment component four requires each student to view and review at least two performances. Reviews may be written or oral and are weighted at 20%.

**DRAMA STUDIES**

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Students will be required to participate in out of hours rehearsals and performances and view productions for the purpose of critical review writing.

**CONTENT / ASSESSMENT**

Assessment component one involves all students taking Part in a Group Production. Students work in the area of Theatre in which they are most skilled. This may be on or off stage. This section is assessed by an outside moderator and is weighted at 30%.

Assessment component two is a production report of between 1500 and 2000 words and is weighted at 20%.

Assessment component three requires each student to study two texts, complete course work on each and sit for an external examination weighted at 30%.

Assessment component four requires each student to view and review at least two performances. Reviews may be written or oral and are weighted at 20%.

## EARLY CHILD STUDIES

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Successful completion of Stage 1 Child Studies would be an advantage.

### CONTENT

This course is designed for students interested in early childhood development.

Students will be involved in studying the cognitive, social, emotional and physical development of children from birth to 6 years.

The changing roles of men and women in child-care will be investigated along with the resources and services available in the community to support children and the parenting role of the family.

Students will have the opportunity to demonstrate skills and understanding in caring for children.

### ASSESSMENT :

This subject is assessed in school and externally moderated by SSABSA.

## ECONOMICS

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Students will be required to have a good standard of literacy and be required to purchase study guides.

### CONTENT

Core (24 weeks)

- The "Economic Problem" of resource scarcity
- The Market Mechanism
- Markets in Practice
- Macroeconomic Objectives adopted by the Australian Government and their measurement
- Determination of Production, Employment and Inflation
- The Financial Sector
- The Overseas Sector
- Economic Policy and the Australian Economy

### Option:

One option will be studied for 6 weeks from the following topics: Economics of agriculture, Economic development, Economic growth and the environment. The labour market, Economic systems, Social policy – Health, education and welfare.

**ASSESSMENT :** External examination (50%), course work consisting of Research Report, structured investigation, media analysis and case study (50%).

## ENGLISH COMMUNICATIONS

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

It is expected that students will have successfully completed Stage 1 English.

### CONTENT

#### SEMESTER 1

Students will work towards achieving a high level of accuracy and fluency in written tasks. They will experience a range of shared texts for Text Study while their Text Production Study will require them to produce a range of written texts in these categories:

- Narrative
- Recount
- Exposition
- Imaginative

Students will produce two Applications, where they will demonstrate their understanding of what they have observed, by developing a product. Focus areas include:

- Interaction
- Film-making
- Film Reviewing
- Multimedia Web Authoring
- Workplace Writing
- Writing for Publication

#### SEMESTER 2

Students will continue with the activities outlined above and they will undertake a Communication Study, which is a shared activity, based on the analysis and comparison of a range of communications.

### ASSESSMENT :

|                           |     |
|---------------------------|-----|
| Communication (3 tasks)   | 20% |
| Text response (3 tasks)   | 20% |
| Text production (4 tasks) | 30% |
| Application (2 tasks)     | 30% |

## ENGLISH STUDIES

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

It is recommended that students have successfully completed English (pre English Studies) at Stage 1.

### CONTENT

#### SEMESTER 1

In this subject the emphasis is on the detailed investigation and analysis of texts.

Students will undertake shared studies of two separate texts, one pair of texts and a minimum of 1000 lines of poetry. They will also analyse a range of short texts and view at least one film. Independently, they will read or view and respond to two texts.

Students will write in variety of styles, including journals, essays, both text-related and other, and short answers. They will produce at least two oral presentations.

#### SEMESTER 2

Students will continue with the activities outlined above and produce one major written text in response to their independently chosen reading, viewing and journal writing.

### ASSESSMENT :

|                      |     |
|----------------------|-----|
| External examination | 30% |
| Individual study     | 20% |
| Shared studies       | 30% |
| Text production      | 20% |

## FOOD AND HOSPITALITY

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

It is expected students have successfully completed one Food unit at Stage 1. A number of excursions are included. There is a \$20 cost for food practicals.

### CONTENT

This course is designed for students interested in the Food and Hospitality Industry. Students will be involved in food selection, preparation, presentation and safe handling of food.

Trends and multicultural influences in the Food and Hospitality Industry will be investigated along with planning and operating a catering enterprise.

Students will identify the nature and scope of the Hospitality Industry including employment opportunities.

ASSESSMENT : School based assessment and externally moderated by SSABSA. A range of assessment processes will be used including independent practical investigation, directed practical investigation, collaborative study and special study.

## FRENCH (ACCELERATED)

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

This course assumes the successful study of French (Accelerated) at Stage 1.

### CONTENT

This course further expands on competence in communication in themes already studied. Additional themes include: teenage life and leisure, the French-speaking world, and the future. There is an emphasis on improving writing skills and developing expression of ideas in past and future tenses.

### ASSESSMENT :

|                      |     |
|----------------------|-----|
| Oral examination     | 15% |
| External examination | 35% |
| Course work          | 35% |
| In-depth study       | 15% |

## GEOGRAPHY

STAGE 2 - GROUP 1  
HESS RESTRICTED (2 UNITS)

### CONTENT

This Geography course is very practical in nature, with extensive use made of the Software programme, MapInfo. This is a programme that is used for Database management and Map generation.

Students complete 8 pieces of work over the year. Topics :

- Road Accidents, Trauma and Death
- Natural hazards
- Tourism and the Environment
- Food for All

ASSESSMENT : School based assessment moderated by SSABSA.

## GEOGRAPHY STUDIES

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Students must have reading, writing, and research skills, and the ability to work independently.

Geography Studies aims to develop an understanding of how people affect the environment, using local, national and global examples.

### CONTENT

#### Core

- Human influences and management of the environment
- Atmospheric variations
- Formation and use of soil
- Changing vegetation and communities

#### Options

- Coastal Zones
- Urban Places

### ASSESSMENT :

|                                  |     |
|----------------------------------|-----|
| External examination             | 50% |
| Individual field study           | 15% |
| Essays, reports, tests, research | 35% |

## IPP – PERSONAL DOCUMENTS / DESKTOP PUBLISHING

STAGE 2 - GROUP 2

HESS RESTRICTED

Personal Documents Semester 1 only – 1 Unit

Desktop Publishing Semester 2 only – 1 Unit

### ADVICE TO STUDENTS

Completion of one unit of Stage 1 Information Processing would be desirable.

SEMESTER 1 – Personal Documents Only

#### Practical Skills

- Design and page layout, the use of fonts, white space, text enhancement, placement of text, graphics, columns and tables.
- Original compositions, work from instructions, and manipulate retrieved work such as assignments including letters tables, reports and display items.
- Students are required to use word processing in conjunction with at least one other software application.

### Issues and Understandings

Social, ethical and legal issues associated with the use of computerised technology for business communication.

SEMESTER 2 – Desktop Publishing Only

#### Practical Skills

Students use computer technology and the designing process to develop and present desktop publishing solutions to design briefs.

They apply the principles of design and page layout eg the use of fonts, text enhancement, graphics, white space, and colour in completing tasks.

### Issues and Understandings

Social, ethical and legal issues associated with the use of computerised technology for business communication.

ASSESSMENT : School based assessment moderated by SSABSA.

## INFORMATION TECHNOLOGY (VET)

STAGE 2 - GROUP 2

HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

Part of a pathway leading to part of Certificate III in IT.

Students need to complete Stage 1 Applications 1 and 2 and Stage 2 Applications 1 to complete the pathway.

Students who undertake studies in this subject should be able to demonstrate success in Stage One Information Technology.

Completion of Year 10 Systems Maintenance would be beneficial.

### CONTENT

#### Semester 1 – Applications 1

Students will customise packaged software applications for clients. Students must have pre knowledge of Excel from Stage 1 Applications 1 & 2.

Students will apply Visual Basic and use variables, conditional and iterative programming statements to customise Excel, or do equivalent programming in other applications such as Dreamweaver.

They will also provide one to one instruction to the client.

[continued](#)

**I.T. (VET) - continued****Semester 2 – Systems Maintenance**

Students learn the skills and understandings required to

- follow maintenance procedures to keep equipment and software operating.
- connect internal hardware components according to specifications.
- conduct diagnostic tests on a range of platforms, by using operating system diagnostics and scanning the system for viruses.

Underpinning knowledge includes a broad knowledge of technical systems and diagnostic tools, and an understanding of problem solving, team-work and communication methods. Report writing skills are needed.

**Units of Competency**

|            |  |
|------------|--|
| ICAITU028B | Customise package software applications for clients. |
| ICAITS023B | Provide one-to-one instruction.                      |
| ICAITS115A | Maintain equipment and software in working order     |
| ICAITS021B | Connect internal hardware components.                |
| ICAITS025B | Run Standard diagnostic tests                        |

ASSESSMENT : School based assessment.

**JAPANESE (CONTINUERS)**

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Successful completion of 2 units in Stage 1 or equivalent study is a prerequisite for this course.

**CONTENT**

This course aims

- to further develop students' communicative skills in both written and spoken Japanese
- to extend understanding of the culture and the way of life in Japan
- to develop the understanding of language as a system
- to encourage students' enjoyment of language and language learning

Central themes for this study will be centred around:

- self and others
- the arts
- an Australian tourist in Japan
- the world of work
- leisure activities

**ASSESSMENT :**

|                              |     |
|------------------------------|-----|
| Course work                  | 35% |
| In-depth study               | 15% |
| Oral examination             | 15% |
| External written examination | 35% |

**LEGAL STUDIES**

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Students should have good analytical skills, together with high level essay writing skills.

Students investigate and critically analyse the principles, structures and processes of the Australian Legal system.

**CONTENT**

Students study five topics ;

1. The Australian Legal System
2. Constitutional Government
3. Lawmaking
4. Justice Systems
5. The Family and the Law.

**ASSESSMENT :**

Assessment in Stage 2 Legal Studies consists of the following components, weighted down as shown.

|                          |       |
|--------------------------|-------|
| Course Work              | (45%) |
| Civic Participation Task | (15%) |
| Examination              | (40%) |

**MATHEMATICAL APPLICATIONS**

STAGE 2 - GROUP 2  
HESS RESTRICTED (2 UNITS)

**ADVICE TO STUDENTS**

Students must have a satisfactory completion of 2 units of Stage 1 Mathematics. Students will be required to purchase a folder to assist in the moderation process.

**CONTENT**

Teacher will select 4 topics from the following :

**Applied Geometry** : Includes Navigation, Building And Construction

**Share Investments** : Linked to stage 1 topics of earning and spending, includes investment as it applies to the trading of shares.

**Mathematics and Small Business** : Focus on careers in small business including aspects of physical / financial planning, pricing policies, taxation.

**Matrices**: The use of matrices to organise information and predict trends in real situations.

**Investment and Loans**: Investigation of methods to invest and borrow with an emphasis on electronic technology for spreadsheets/Financial Simulators.

**Statistics & Data** : The use of statistical processes to make rational decisions in a variety of contexts. Emphasis on the various ways that data can be distributed and relationships between different sets of data.

**Optimisation** : The use of Network Diagrams, Linear Programming and technology to find the best/cheapest/fastest way to carry out a complicated task.

**Probability & Simulation** : The use of probability to make rational decisions in relationship to things such as insurance, efficiency and gambling.

**Open Topics** : Content to be negotiated with students.

**ASSESSMENT :**

|   |     |
|---|-----|
| Skills and application tasks (tests)          | 30% |
| Portfolio (directed investigation / projects) | 40% |
| Examination                                   | 30% |

**MATHEMATICAL STUDIES**

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Students must have studied Mathematical Studies at Stage 1 and gained an A or high B throughout. It is highly recommended that students have studied Specialist Mathematics at Stage 1. The purchase of a graphics calculator (HP39G+) and a revision guide is essential to be successful

**CONTENT****SEMESTER 1**

1. Functions and Introductory Calculus
2. Differential Calculus
3. Applications of Differential Calculus
4. Statistics and Distributions
5. Exponential and Logarithmic functions

**SEMESTER 2**

1. Integral Calculus
2. Inferential Statistics
3. Solving systems of Linear Equations
4. Matrices

**ASSESSMENT :**

|                                   |     |
|-----------------------------------|-----|
| Tests                             | 35% |
| Directed investigation / projects | 15% |
| Examination                       | 50% |

**MODERN HISTORY (EUROPEAN)**

STAGE 2 - GROUP 1  
HESS GENERAL (2 UNITS)

**Advice to students**

It is assumed that students will have high levels of reading and research skills.

**CONTENT**

This History course aims to provide an understanding of important developments and events in Europe from the 1500's to the present day. Students will be required to complete a comparative study, a study in depth, and an Individual history. The areas of study include :

- Revolution and Turmoil
- An age of catastrophes
- An Individual negotiated study

**ASSESSMENT :**

|                          |     |
|--------------------------|-----|
| Course Work              | 40% |
| Individual History Essay | 20% |
| Examination              | 40% |

## MUSIC

STAGE 2 - GROUP 1  
HESS GENERAL or HESS RESTRICTED  
(up to 4 UNITS)

### ADVICE TO STUDENTS

This is a 2 semester course and up to 4 units may be taken according to specific combinations HESS Consists of 8 separate semester units which can be combined in a number of ways to create either GENERAL or RESTRICTED HESS

*Students must consult with Ms Roddy or Mr Elsley prior to selecting courses.*

Musicianship and Music in Society cannot be taken as separate units

### CONTENT

To make a 2-unit subject, students choose 2 units from the following:

**Composing and Arranging:** Folio of compositions/ arrangements 8-10 mins

**Ensemble Performance:** Public performance in ensemble 8-10 mins

**Music Individual Study:** Individual project on topic chosen by student.

**Performance Special Study:** Public performance of extended work (eg. Concerto). 10 mins.

**Solo Performance:** Public performance as soloist. 6-8 mins.

### Musicianship:

- applied theory and harmony
- arrangement. 32-40 bars

**Music in Society:** Study of 4 units each consisting of a text and piece[s] of music to be studied in their historical context.

## MUSIC TECHNOLOGY

STAGE 2 - GROUP 2  
HESS GENERAL or RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

**HESS Restricted.**

**HESS General - by negotiation only. Please see Ms Roddy.**

It is assumed students will have satisfactorily completed Stage 1 Music Technology

### SEMESTER 1

Topics covered include:

- using various sound recording/editing software
- analog/digital systems
- sound and studio acoustics
- shaping sound with microphones
- digital sampling ,editing, signal processing
- signal flow in the recording studio
- packaging and artwork-making CD covers and labels

### SEMESTER 2

Produce multi-track digital recordings and mix down to CD. Topics covered include:

- advanced sound production techniques- using DAW [Digital Audio Workstation]
- signal processors
- post production, mastering
- copyright
- study of an industry related issue

### ASSESSMENT

|            |               |             |
|------------|---------------|-------------|
| Restricted | 70% Practical | 30% Written |
| General    | 30% Practical | 70% Written |

## NUTRITION

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Successful completion of a Stage 1 Home Economics (in particular Food Technology) and Biology unit would be an advantage.

### CONTENT

#### UNIT 1

Primarily concerned with Human Nutrition. The course focuses on the fundamentals of Human Nutrition in relation to diet, lifestyle and health. A scientifically based approach to the understanding of nutritional concepts together with opportunities to assess diets and apply knowledge to overcome barriers to nutrition will deepen awareness and knowledge.

#### UNIT 2

An emphasis on the Social Issues in Nutrition. Students learn about food supply systems from production to consumption. Students will gain an appreciation of the social and environmental issues that influence nutritional status and explore the factors that contribute to famine in developing countries.

ASSESSMENT : External examination Component 50% and school assessment component 50%.

## OUTDOOR AND ENVIRONMENTAL EDUCATION

STAGE 2 - GROUP 1  
HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

Class numbers are restricted, which may result in a selection process being used to identify students most suited to this course.

Whilst there are no pre-requisites some knowledge of first aid and experience of camping would be useful.

Students undertaking this exciting course should have an interest in bushwalking, canoeing and the natural environment.

There is an associated cost of approximately \$200 to cover camps and excursions throughout the year. Students should be suitably organised to allow for excursions and camps totaling approximately 12 days over the year.

**Note:** Some camps and excursions may be conducted over weekends and holiday periods to minimize impact on other subjects.

### CONTENT

- Bushwalking
- Canoeing
- Classwork in Environmental Studies, Planning and Management, Sustainable Practices and Leadership and Planning.
- Self-reliant expedition

### ASSESSMENT

School assessed, central moderation and external SSABSA moderation

|                              |     |
|------------------------------|-----|
| Course Work                  | 20% |
| Outdoor Journeys             | 30% |
| Self Reliant Expedition      | 20% |
| Environmental Investigations | 30% |

## PHYSICAL EDUCATION

STAGE 2 - GROUP 2  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

No previous knowledge is essential, but an understanding of the body systems and fitness components would be advantageous.

Completion of Stage 1 Physical Education or a background in science related subjects would also be helpful.

A proven positive approach to all physical activity and related theory work is a prerequisite for entry into this subject. Additional costs will be incurred for venue and equipment hire, and excursions.

**Students are required to wear the correct GGHS Sports Uniform for all practical activities.**

### CONTENT

#### Theory:

- Exercise Physiology and Physical Activity.
- The Acquisition of Skills and the Biomechanics of Movement.
- Issues Analysis

#### Practical:

Students must participate in an Aquatics unit, which will cost approximately \$50 and must also study 2 topics possibly from the following selection – Badminton, Volleyball, Basketball, Hockey, Track & Field, Touch, Ten Pin Bowling, Tennis, Korfbal, Aquatics, Golf and Soccer.

**Elite Athletes:** *In cases where a student is competing at a high level (near State Squad standard) under the direction of a Level 2 Coach, credit may be given in lieu of one of the choice sports. Please see the Physical Education staff for further details.*

### ASSESSMENT

Students will be assessed in theory, practical and personal development aspects of the course.

An important feature is the student's ability to relate theory to practical situations in human performance and physical activity.

Examinations will consist of:

#### Theory:

- 30% examination (externally assessed).
- 20% theory modules including above mentioned theory topics, assessed by assignments, laboratory reports, research projects, etc.

#### Practical:

- 30% Registered SSABSA Practicals
- 20% School Developed Practicals.

## PHYSICS

STAGE 2 : GROUP 2  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Students must have a good pass in a full year of Stage 1 Physics and Mathematical Studies. An Essentials Workbook and a Revision Guide will need to be purchased at a cost of about \$50.

### CONTENT

#### Topics

- Mechanics / Motion
- Electric & Magnetic Fields
- Waves
- Photons
- The Atom
- Nuclear Physics

### ASSESSMENT :

Course work (25%), practical work (15%), information search & oral presentation (10%) and external examination (50%).

## PSYCHOLOGY

STAGE 2 : GROUP 2  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

The most common reasons for studying psychology are; a personal curiosity about human behaviour and a desire to gain knowledge that can translate into personal growth or effective action to address social problems.

It is expected that students would have gained a satisfactory pass in Year 10 Semester 2 Science, and it is an advantage to have studied a full year at Stage 1.

Class numbers are restricted which may result in a selection process being used to identify students most suited to the course.

### CONTENT

#### SEMESTER 1 & 2

The subject consists of the following six topics:

- Introduction to Psychology
- Social Cognition
- Learning
- Personality
- Psychobiology of Altered States of Awareness
- Healthy Minds

The subject is designed around the four levels of explanation of behaviour; biological processes, basic psychological processes, the attributes of the person enacting the behaviour, and socio-cultural processes.

Each topic follows four aspects, which are of central importance to psychology:

- Knowledge and understanding
- Application to social issues and/or personal growth
- Investigation designs and methods of assessing psychological responses
- Ethical issues

### ASSESSMENT

|                             |       |
|-----------------------------|-------|
| Collaborative Investigation | (15%) |
| Individual Investigation    | (25%) |
| Assignment                  | (30%) |
| Examination                 | (30%) |

## SMALL BUSINESS ENTERPRISE

STAGE 2 : GROUP 1  
HESS RESTRICTED (2 UNITS)

### ADVICE TO STUDENTS

This subject has no prerequisites. Students who are interested in the operation of a small business will find this course beneficial. Students will be required to complete off campus tasks during some lessons.

### CONTENT

#### SEMESTER 1

##### Small Business Fundamentals

- nature, place and operation of small business at local, national and international levels.

##### Planning and Operating an Enterprise

- identify an enterprise that students will run and prepare a business plan

#### SEMESTER 2

##### Planning and Operating an Enterprise

- operate the business

##### Evaluating the Enterprise

- evaluate the business and try to improve its efficiency.

### ASSESSMENT :

|                            |     |
|----------------------------|-----|
| Small Business Environment | 25% |
| Business Plan              | 30% |
| Running the Enterprise     | 30% |
| Evaluation Report          | 15% |

**SPANISH (CONTINUERS)**

STAGE 2 : GROUP 1  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Successful completion of 2 units in Stage 1 or equivalent study is a prerequisite for this course.

**CONTENT**

Central themes for this study will be centred around:

- my life now and in the future
- Spanish speaking communities
- the changing world

Aesthetic works and every day texts in Spanish will be used to explore these themes.

**ASSESSMENT :**

|                     |     |
|---------------------|-----|
| Course work         | 35% |
| In-depth study      | 15% |
| Oral examination    | 15% |
| Written examination | 35% |

**SPECIALIST MATHEMATICS**

STAGE 2 : GROUP 2  
HESS GENERAL (2 UNITS)

**ADVICE TO STUDENTS**

Students must have studied Specialist Mathematics and Mathematical Studies at Stage 1 and gained an A or high B throughout.

The purchase of a graphics calculator (HP39G+) and a revision guide is essential to be successful.

**CONTENT**

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

**ASSESSMENT:**

|                        |     |
|------------------------|-----|
| Examination            | 50% |
| Tests                  | 40% |
| Directed investigation | 10% |

**SPORT & RECREATION IN THE COMMUNITY (COMMUNITY STUDIES)**

STAGE 2 : GROUP 1 or 2  
NO HESS STATUS (2 UNITS)

**ADVICE TO STUDENTS**

This course is open to Year 12 students who are interested in sport and recreation.

There are no pre-requisites, however, it is preferable that students are participating in an organised sport within the community, or have been involved in a club in recent history.

As part of community studies, this unit can be modified to be a Group 1 or Group 2 unit depending on the focus of the individual project area.

**Results cannot be used for a tertiary entrance score.**

**CONTENT**

The subject area requirements consist of an individual project area to be negotiated and the completion of a range of compulsory units.

Compulsory units will consist of :

- Involvement in the organisation of the School Swimming Carnival and Sports Day (including some involvement on the day in an official capacity).
- Completing a First Aid course.
- Officiating at Vista or SASSSA Swimming Carnivals.
- Officiating at Vista or SASSSA Athletics Carnivals.
- Running inter-class, or primary school sport competitions.

The individual project area may develop coaching and / or umpiring skills, or other involvement in sport and recreation by negotiation.

**ASSESSMENT**

This subject does not get allocated a TER score. The final assessment is a satisfactory or not satisfactory.

## STUDIES OF SOCIETY

STAGE 2 : GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

Comprehensive, literacy, analytical, organisational and communicational skills.

### CONTENT

This course is designed so that students are able to :

- demonstrate knowledge and understanding of social issues.
- understand how social change occurs in response to competing demands.
- use analytical Skill to investigate and communicate.
- act in an informed way to suggest and engage
- collaborate in possible solutions, outcomes and social action.
- understand how hypothesis and focusing questions are posed to guide the investigation of a contemporary Social Issue

The course consists of one topic from each of the following groups :

- Culture
- New Challenges in a New Century
- Issues for Societies in a Globalising World.

### ASSESSMENT :

|                          |     |
|--------------------------|-----|
| Course work              | 50% |
| Oral task                | 10% |
| Group talk               | 10% |
| Investigative assignment | 30% |

## TOURISM

STAGE 2 : GROUP 1  
HESS GENERAL (2 UNITS)

### CONTENT

This course has been developed for those students interested in the global, environmental, cultural and social effects of people travelling for business, leisure and recreational purposes.

This course has 4 themes and 3 Topics, with an in-depth understanding of the themes forming the core.

**ASSESSMENT :** The course is assessed with Course Work (25%), Communication Exercises (20%), and Practical Activities (25%). A Major Individual Investigative Report is worth 30% of the course marks.

## VISUAL ARTS STUDIES

STAGE 2 : GROUP 1  
HESS GENERAL (2 UNITS)

### ADVICE TO STUDENTS

It is assumed that students selecting this course have a strong interest in the Visual Arts and have successfully completed a year of art at Stage 1 level.

Students will need a recommendation from their Visual Arts teacher.

### CONTENT / ASSESSMENT

This course is designed for students with a strong level of interest in the Visual Arts who are prepared to further their understanding and ability by making, researching, reading, writing, talking and thinking about art.

There are 3 components

- (i) Visual Arts practice (50%).

Inspiration, development, creation and presentation of two original art works, plus portfolio of back-up idea development and technical experimentation for each major.

- (ii) Student Choice Topic (20%)

Independent research about an art related topic concluded with a 2000 word report.

- (iii) Study of the Visual Arts (30%).

Teacher directed study of two aspects of Art concluded by a two-hour examination (2 x 1000 word essays).