



GyMEA Technology
High School

INSPIRE. LEARN. SUCCEED.

STAGE 6 COURSE INFORMATION BOOKLET

Subject Selection Advice For:

Year 11	Preliminary Course	2015
Year 12	HSC Course	2016

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MAKING YOUR DECISION

The subject choice for the HSC is an extremely important one and students will often be presented with extensive options for achieving their final goal. Students who maximise their opportunities by gaining success usually do so by adhering to the following strategies:

- Gather as much information as possible from as wide a variety of sources as possible.
- Always double check information that appears odd or conflicts with information from another source
- Be honest with yourself in terms of both your ability to understand a particular subject and your ability to apply yourself to a subject.
- Consider advice carefully, especially take into account the experiences and knowledge of the person giving the advice. Be wary of people commenting outside their field of expertise.
- Know the future direction you would like to head, even if you don't know the job you would like to go into or the university or TAFE course you would like to study, try to determine the areas you would like to work in.

WHAT SUBJECT DO YOU CHOOSE:

One in which

- You believe you will enjoy
- You believe that you can do well at
- Your vocational needs

special documentation showing the competencies gained. Competency based assessment means that students do not attempt the conventional assessment tasks where they are graded, ranked and have

INFORMATION ABOUT THE HSC

General Information

This is your introduction to the HSC and the many options now available. More information is contained in the following Board of Studies publication:

Studying for the New South Wales Higher School Certificate – an information booklet for year 10 students.

Selection of Courses

All students must study 12 units of courses in year 11. The Board of Studies requirement in year 12 is 10 units, although many students study more units in year 12 as a safety net.

Students may be permitted to change their subject selections if there are unusual circumstances and if there are vacancies, up to the end of March Year 11 by applying to the Deputy Principal - Curriculum.

WHAT TYPES OF COURSES CAN I SELECT?

There are different types of courses that you can select in years 11 and 12.

Board Developed Courses

These courses are developed by the Board of Studies. There is a syllabus for each course which contains:

- The Course Objectives, Structure, Content and Outcomes
- Specific Course Requirements
- Assessment Requirements
- Sample Examination Papers and Marking Guidelines
- The Performance Scale (Except For Vocational Education and Training Courses)

All students entered for the HSC who are studying these courses follow these syllabuses for two years. These courses are examined externally at the end of the HSC course and can count towards the calculation of the Australian Tertiary Admission Rank (ATAR).

Board Endorsed Courses

Board Endorsed courses have syllabuses endorsed by the Board of Studies. Some TAFE courses are Board Endorsed Courses.

There is no external examination for Board Endorsed Courses. Assessment is school based or TAFE Based.

All Board Endorsed Courses count towards the Higher School Certificate and appear on the student's Record of Achievement. However, Board Endorsed Courses do not count in the calculation of the Australian Tertiary Admission Rank (ATAR).

VOCATIONAL EDUCATION & TRAINING (VET) COURSES

Board Developed or Board Endorsed

Vocational Education and Training (VET) courses are offered as part of the Higher School Certificate. They enable students to study courses which are relevant to industry needs and have clear links to post-school destinations.

These courses allow students to gain both higher school certificate qualifications and accreditation with industry and the workplace as part of the Australian Qualifications Framework (AQF). The National Framework is recognised across Australia and helps students to move easily between the various education and training sectors and employment. These courses each have a specific workplace component and a minimum number of hours students spend in the workplace or a simulated workplace at school. Students receive

marks sent to the Board of Studies. The whole ATAR component of a vet course comes from the HSC examination while the AQF qualification comes from the ongoing competency based assessment.

Some of these courses will be delivered by schools, while others will be delivered by TAFE or other providers.

NOTE: Only one of these courses will count towards the Australian Tertiary Admission Rank (ATAR). These courses have a specific workplace component and a minimum number of hours students spend in the workplace or a simulated workplace at school.

Students receive special documentation showing the competencies gained.

Schools will deliver some of these courses, while TAFE or other providers will deliver others.

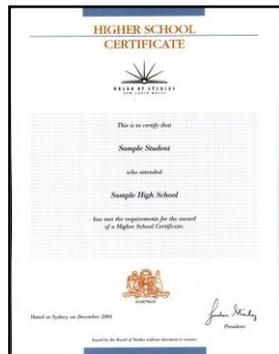
BOARD CONTENT ENDORSED COURSES

These Courses **Do Not** Count Towards University Entry

Construction and Landscaping	2 Unit
Computer Applications	2 Unit
English Studies	2 Unit
Marine Studies	2 Unit
Personal Training & Coaching	2 Unit

The HSC Testamur

(The Official Certificate
Confirming Your Achievement
Of All Requirements For The
Award.)



WHAT HAPPENS IF I DON'T COMPLETE THE REQUIREMENTS FOR THE HSC?

Students will receive a Record of School Achievement (RoSA) as a credential.

The RoSA will:

- Be a record of the full range of student achievements up to the day they leave school.
- Provide an electronic record of achievements that students can use at any time.
- Use assessment by teachers in schools, moderated by the Board of Studies NSW to ensure reliability and fairness of grades.
- Offer on-line literacy and numeracy tests, with particular emphasis on work readiness, that students will be able to undertake twice a year (awaiting confirmation from BOS on implementation).

WHAT ARE UNITS?

All courses offered for the Higher School Certificate have a unit value. Subjects may have a value of 1 unit or 2 units. Most courses are 2 units. Each unit involves class time of approximately 2 hours per week (60 hours per year). In the HSC each unit has a value of 50 marks. A 2 unit course has a value of 100 marks.

**2 Units = 4 hours/week
(120 hours per year)**

The following is a guideline to help you understand the pattern of courses.

2 UNIT COURSE

Units are the basic structure for all courses. A 2 unit course has a value of 100 marks. Most courses are 2 unit, two year courses

EXTENSION COURSES

Extension study is available in a number of subjects. Extension courses build on the content of the 2 unit course and carry an additional value of unit. Requiring students to work beyond the standard of the 2 unit course, extension courses are available in year 11 in English and Mathematics.

English and Mathematics Extension Courses are available at Preliminary and HSC levels. Students must study the Preliminary extension course in these subjects before proceeding to the two HSC extension courses (Extension 1 and Extension 2).

1 UNIT COURSES

1 unit equals approximately 2 hours of class time each week or 60 hours per year. 1 unit courses have a value of 50 marks.

Extension English and Extension Mathematics are 1 unit courses and count towards the ATAR.

REQUIREMENTS FOR THE AWARD OF THE HSC

If you wish to be awarded the HSC:

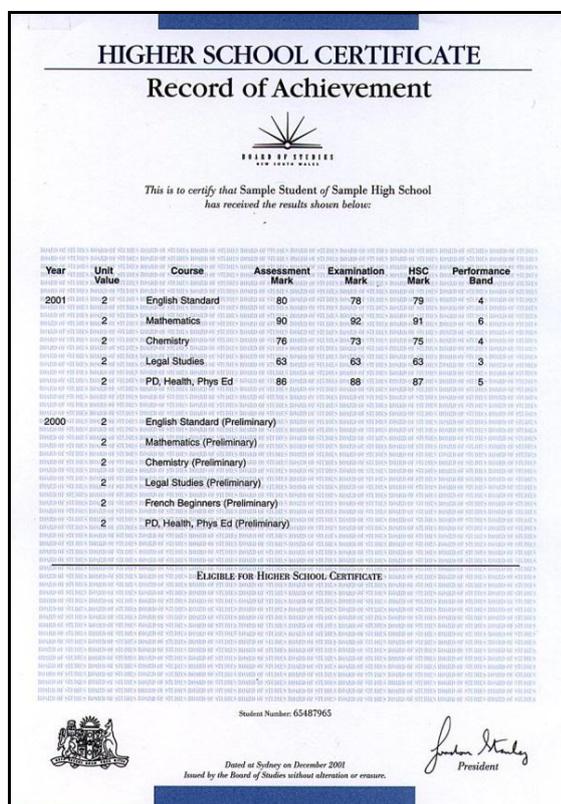
1. You must have satisfactorily completed courses that meet the pattern of study required by the Board of Studies for the award of the Higher School Certificate. This includes the completion of the practical, oral or project works required for specific courses and the assessment requirements for each course.
2. You must have sat for and made a serious attempt at the Higher School Certificate examinations.
3. You must study a minimum of 12 units in the Preliminary course and a minimum of 10 units in the HSC course. Both courses must include:
 - at least 6 units from Board Developed Courses including at least
 - 2 units of a Board Developed Course in English
 - at least three courses of 2 units value or greater
 - at least four subjects

At most 6 units of courses in Science can contribute to Higher School Certificate eligibility.

1. The Board of Studies publication, *Studying for the New South Wales Higher School Certificate – An Information Booklet for Year 10 Students*, contains all the HSC rules and requirements you will need to know.
2. If you wish to receive the Australian Tertiary Admission Rank (ATAR) you must study a minimum of 10 Board Developed units in the HSC Course. Details of ATAR requirements can be found on www.uac.edu.au.
3. If you do not wish to receive a ATAR, the rest of your courses may be made up from Board Endorsed Courses once you have studied six units from Board Developed Courses.

ASSESSMENT & REPORTING

- The HSC reports will provide detailed descriptions of the knowledge, skills and understanding you have attained in each subject.
- The syllabuses, along with assessment and examination information and a performance scale that will be used to describe your level of achievement, give a clear idea of the standards that are expected.
- The HSC reports will provide a description of your achievements based on performance bands across the state.
- School-based assessment tasks will contribute to 50% of your HSC mark. Your school assessment mark will be based on your performance in assessment tasks you have undertaken during the course.
- The other 50% will come from the HSC examination.
- Your HSC mark for 2 unit courses will be reported on a scale of 0 to 100. A mark of 50 will represent the minimum standard expected. If you achieve the minimum standard expected in a course you will receive a mark of 50. There will be five performance bands above 50 that correspond to different levels of achievement in knowledge, skills and understanding. The band from 90 – 100 will correspond to the highest level of achievement.
- In Year 11 And Year 12 you will receive a half yearly and yearly/trial HSC report which will describe your performance in each subject studied at school.



The Record of Achievement

(This document lists the courses you have studied and reports the marks and bands you have achieved.)

SUBJECT COSTS

The payment of subject costs for elective courses is compulsory and are required for subject electives with a large practical component in which consumable materials are required for students to "learn by doing". Parents with financial difficulties are, of course, encouraged to request support from the school, rather than discouraging a student with ability and interest from choosing an elective that requires a subject cost. A guide to these costs are below.

Visual Design	\$40.00
Dance	\$30.00
Design & Technology	\$45.00
Drama	\$30.00
Food Technology	\$90.00
Music	\$40.00
Marine Studies	\$50.00
Construction & Landscaping	\$100.00
VET Hospitality – Kitchen Operations	
• Course Consumable Fee	\$140.00
• Industry standard Chef's uniform	Approx. \$76.00
• Hire of Hospitality Toolbox for work placement if required by host employer	\$70.00
• Hire fee paid one week prior to first work placement	
• \$70.00 refunded on the completion of 70 hours of work placement and return of Hospitality Toolbox.	
Visual Arts	\$50.00

Students who leave during the year or who change subjects may apply for a refund of course fees as follows:

Term One	75%
Term Two	50%
Term Three	25%
Term Four	Nil

Where a deposit has been paid for specialised equipment on loan from the school, the deposit will be refunded in full on return of the equipment if intact. Part of the deposit may be withheld if equipment has suffered damage, in an amount to be negotiated by the relevant head teacher. The principal will mediate if students or parents believe they have a grievance regarding the set amount.

Requirements for some courses

- A number of subjects include a requirement for the development of project work for either internal or external assessment, for example, Visual Arts, Drama, Design and Technology, Community & Family Studies, Society & Culture, Software Design and Development and Society and Culture. Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.
- Only 2 units of Category B courses can be counted towards your ATAR.
- There is only one History Extension Course. It can be studied with either the Ancient History Course or the Modern History Course but not both.
- You may not include any more than 6 units of the following Science courses: Biology, Chemistry, Earth & Environmental Science, Physics and Science in meeting the 12 Preliminary or 10 HSC units. The course Senior Science may not be taken as a Preliminary course with any of the above Science courses.
- Additional information about courses is available on the Board of Studies Website:
<http://www.boardofstudies.nsw.edu.au>

Aboriginal Studies

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

The preliminary course focuses on Aboriginal peoples' relationship to the land, Aboriginal heritage and identity, and an historical examination of colonialism, racism and prejudice from pre-contact times to the 1960s. The course also includes the development of skills in culturally appropriate research and inquiry methods. It involves community case studies.

The HSC course provides for in depth study of social, justice and human rights issues from the 1960s. During the course, students will undertake consultation with the local Aboriginal community and will study a variety of national and international indigenous communities. Students apply research and inquiry methods through the completion of a major project.

Main Topics Covered:

Preliminary course

Aboriginality and the land 30% – Aboriginal peoples' relationship to land and water; the dispossession of Aboriginal peoples from land and water and the impact of British Colonisation on land and water.

Aboriginal heritage and identity 25% – the Dreaming and Cultural Ownership; the impact of colonisation on Aboriginal cultures and families and the diversity of Aboriginal cultural and social life.

Colonialism, racism and prejudice 25% – Aboriginal Political and Legal Systems; Aboriginal and Non-Aboriginal responses to the British Colonisation and the impact and consequences of dispossession on Aboriginal peoples.

Research and inquiry methods 20% – includes skills and protocol necessary for appropriate community consultation and fieldwork.

HSC course

Core case studies 50%

a global perspective of **social justice and human rights issues** across 2 topics chosen from: health, education, housing, employment, criminal justice and economic independence.

Elective study 20%

Aboriginality and the land –the land rights movement and the recognition of native title including Non-Aboriginal responses to land rights; government policies and legislation

or

Aboriginal heritage and identity – contemporary aspects of Aboriginal heritage and identity including non-Aboriginal responses to aboriginal heritage and identity and government legislation and policies influencing expressions of identity and heritage.

Major project 30% – choice of project topic based on student interest.

Particular Course Requirements:

In both courses students must undertake mandatory community case studies. The project log will document all work completed including the sequential development of the project and the nature and timing of community based fieldwork.

Assessment: HSC Course Only

External Assessment	Internal Assessment	Weighting
A three hours written examination	Section 1 Social Justice and Human Rights Issues	40
	Section II Aboriginality and the land or Heritage and Identity	20
	Section III Research and inquiry methods – major project	40
		100

Ancient History

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course description:

Ancient history involves the study of the following areas: Egypt, Greece and Rome in both the Preliminary and HSC courses.

The preliminary course is structured for students to investigate:

People, groups, events, institutions, societies and historical sites;

Archaeological and written evidence and the methods used by historians and archaeologists in case studies and in the study of ancient societies.

The course provides a background for students' more specialised HSC studies.

In the **HSC course**, students use archaeological and written evidence to investigate a personality from the ancient world plus three ancient societies/historical periods.

Main Topics Covered:

Preliminary Course

Part I

(A) Investigating the past: history, archaeology and science -20%

Case Studies - Preserved bodies ancient human remains

Historical investigation

Part II Ancient Society - Deir el Medina

HSC Course

Part I:

Core Study - Pompeii + Herculaneum.

Part II:

Ancient personality in the context of their time -

One personality to be studied from the personality options offered in the syllabus - 25%

Part III:

Ancient societies -

One ancient society to be studied from the ancient societies options offered in the syllabus - 25%

Part IV:

Historical periods -

One historical period to be studied from the historical periods options offered in the syllabus - 25%

Assessment: HSC Course Only

External Assessment:

A 3 hour written examination in four parts

Internal Assessment:

The four parts of the course are assessed through a range of tasks including:

- Research
- Source analysis
- Oral and written communication

Biology

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Senior Science

Course Description:

The Preliminary Course includes the study of the living things used to obtain, transport and use material for their own growth and repair; biotic and abiotic features of the environment and the relationships between and interdependence of organisms in an ecosystem; the evolution of life on earth; and the effects of global changes that took place during the formation of modern Australia on the diversity of Australian biota.

The HSC Course builds upon the preliminary course. It examines the processes and structures that plants and animals, especially humans, have developed to maintain a constant internal environment and the way in which the continuity of life is assumed by the inheritance of characteristics from generation to generation.

Students must undertake mandatory field work in both the preliminary and HSC course.

Main Topics Covered:

Preliminary Course

Patterns in Nature

Life on Earth

Evolution of Australian Biota

HSC Course - Core Topics

Maintaining a Balance

Blue Print of Life

Disease

One option from the following:

Biotechnology

Genetics

Communication

Biochemistry

Human Story

Particular Course Requirements:

Practical experiences should occupy a minimum of 80 indicative hours across preliminary and HSC course time, with no less than 35 hours in the HSC course.

Business Studies

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

Business Studies investigates the role, operation and management of businesses within our society. Factors in the establishment, operation and management of a small business are integral to this course. Students investigate the role of global business and its impact on Australian business. Students develop research and independent learning skills in addition to analytical and problem solving competencies through their studies.

Main Topics Covered:

Preliminary Course

Nature of Business
Business Management
Business Planning

HSC Course

Operations Management
Marketing
Finance
Human Resources

Particular Course Requirements:

In the Preliminary course there is a research project, investigating the operation of a small business or planning the establishment of a small business.

Assessment: Preliminary and HSC Course

External Assessment	Internal Assessment	Weighting
A Three Hour Written Examination	Knowledge	40
	Stimulus based	20
	Inquiry / Research	20
	Communication	20
100		100

Chemistry

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Senior Science

Course Description:

Chemistry provides students with a contemporary understanding of the physical and chemical properties of substances and their interactions. Chemistry attempts to provide chemical explanations and to predict events at the atomic and molecular level.

Students investigate natural and made substances, their structures, changes and environmental importance; they learn about the history and philosophy of science as it relates to chemistry; students work individually and with others in practical, field and interactive media experiences related to chemistry; they undertake experiments and decide between competing theories. They assess the impact of decisions based on an understanding of chemistry on society.

The course builds on the foundations laid in stage 5 science, and recognises the fact that students bring a wide range of abilities, circumstances and expectations to the course.

Main Topics Covered:

Preliminary Course

The Chemical Earth
Metals
Water
Energy

HSC Course - Core topics

Production of Materials
The Acid Environment
Chemical Monitoring & Management

One option from the following:

Industrial Chemistry
Shipwrecks and Salvage
Biochemistry of Movement
Chemistry of Art

Particular Course Requirements:

Practical experiences should occupy a minimum of 80 indicative hours across preliminary and HSC course time, with no less than 35 hours in the HSC course.

Community and Family Studies

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

Community and Family Studies explores life issues relevant to all people living in contemporary society. The course draws upon sociology, psychology, family studies and student's own experiences. It aims to develop in students the knowledge, skills and attitudes needed to lead responsible and productive lives both now and in the future.

Students are required to complete an **independent research project** on a topic of their choice.

Main Topics Covered:

Preliminary Course

The preliminary course focuses on the individual and their interactions with personal groups, family and community.

Core Strands	Resource Management	20%
	Individuals and Groups	40%
	Families and Communities	40%

HSC Course

The HSC course examines how the well-being of individuals, families and communities are affected by sociocultural, economic and political factors.

Core Strands	Parenting and Caring	25%
	Groups in Context	25%
	Research Methodology	25%

Option Strand (One Of)

Individuals and Work	25%
Social Impact of Technology	
Family and Societal Interactions	

Particular Course Requirements:

As part of the HSC, students are required to complete an independent research project on a topic of their choice.

HSC COURSE ASSESSMENT

External Assessment	Weighting	Internal Assessment	Weighting
<i>Section I - Core</i>		Knowledge and understanding of how the following impact on wellbeing:	40
Part A			
Objective response questions	20	– Resource Management	
Part B		– Positive Relationships	
Short-Answer Questions	55	– Range of Societal Factors	
		– Nature of groups, families and communities	
<i>Section II- Options</i>		Skills In:	
Candidates answer the question on the option they have studied.		– Applying management processes to meet the needs of individuals, groups, families and communities	25
Each question contains: short-answer parts worth 10 marks	25	– Planning to take responsible action to promote wellbeing	
Extended response part worth 15 marks		– Knowledge and understanding about research methodology and skills in researching, critical communicating thinking, analysing and communicating	35
	100		100

Computer Applications

2 Units for Each of preliminary And HSC
Content Endorsed Course
Non-ATAR course

Exclusions: Board Developed Courses – Information Processes and Technology; Software Design and Development and courses within the Information Technology Curriculum Framework.

Course Description:

Computers and related information technology permeate all aspects of contemporary life. Computer technology has become an integral part of the workplace and it has also become an increasingly obvious part of our entertainment and recreation.

Computing and related information is a 'hands-on' skills based course aimed at developing the student's abilities to utilise hardware and software to complete a range of practical experiences in a broad range of topic areas. Students will develop their knowledge and understanding of the role of computing in completing tasks and enable them to be confident users of the technology. Students will also develop skills in evaluation and be able to discriminate in the use of this technology to accomplish a defined task.

It is expected that the target group for computing applications is those students who have had little practical experience in using computers. Schools may choose from a range of modules to develop a program of study that suits the needs of the group of students.

Main Topics Covered:

Hardware and Software Skills

Graphics I

Graphics II

Spreadsheets I

Spreadsheets II

Desktop Publishing I

Desktop Publishing II

Databases

Communications I

Communications II

Multimedia I

Multimedia II

Assessment:

Computer applications encompass an internal assessment only. There is no external higher school certificate examination for this subject. Computer applications will assess both practical and theoretical learning through course work and rich tasks.

Construction & Landscaping

2 Units for Each of preliminary And HSC
Content Endorsed Course
Non-ATAR course

Exclusions: Nil

Course Description:

This course will provide opportunities for students to:

- Recognise the links between education , training, work and the economic and social factors that affect work opportunities
- Undertake extended work placement to allow for the development of specific industry related skills
- Actively engage in enterprise learning through participation in a community based project
- Acquire general work related knowledge, skills and attitudes, transferable to the world of work
- Develop skills in accessing work- related information, presenting themselves to potential employers and functioning effectively in the workplace.
- Develop a CV and portfolio with accumulated, demonstrated experiences to assist in seeking employment in the construction industry.
- Develop an understanding of planning and organising work, resources, sequencing and scheduling and resolving problems with the workplace and clients.

Main Topics Covered:

My Working Life

Experiences Work in the Construction Industry

Course:

Develop industry experience in a broad range of building and construction trades.

eg.

- Tiling
- Carpentry
- Concreting/paving
- Horticulture and Landscaping
- Plastering
- Bricklaying
- Painting and Decorating

Develop a portfolio of skills and experiences including school endorsed certificates to provide evidence of knowledge, understanding and skills related to:

- Each of the above construction areas
- Demolition
- Working in Confined Spaces
- Workplace Fatigue Awareness
- Working Safely at Heights
- Manual Handling
- Understanding Safety Management Systems

Develop a portfolio of nationally recognised qualifications:

- Statement of Attainment: 'Work Safely in the Construction Industry' CPCCOHS1001A (WorkCover White Card) - recognised under both the VET Quality Framework, ASQA and by WorkCover NSW.
- Apply First Aid 'HLTFA311A'

Course Requirements:

Students must have appropriate working clothes, including steel capped work boots.

Course Cost:

Course Consumables \$100/year

White Card and First Aid Certificate (approximately \$100)

Summary of Internal Assessment:

Component	Weighting
Knowledge and understanding	30
Skills	70

Dance			
2 Units for each of Preliminary and HSC Board Developed Course "A" category course		Exclusions: Projects developed for assessment in one subject are not to be used either in full or part for assessment in any other subject.	
<p>Course Description:</p> <p>Students undertake a study of dance as an artform. There is an equal emphasis on the components of performance, composition and appreciation in the study of dance. Students studying dance bring with them a wide range of prior dance experience. Physical training and preparation of the body is fundamental and of paramount importance to the course and informs all three components of the course.</p> <p>Performance (40%) Composition (20%) Appreciation (20%) Additional (20%) (to be allocated by the teacher to suit the specific circumstances/context of the class).</p> <p>HSC Course</p> <p>Students continue common study in the three course components of performance, composition and appreciation and also undertake an in-depth study of dance in one of the major study components, either performance, composition, appreciation or dance and technology.</p>			
<p>Particular Course Requirements</p> <p>The interrelation of the course components is a major feature in the study of dance as an artform and is emphasized throughout both courses.</p> <p>The published course prescriptions, which may change in total or in part every two years, indicate works to be studied in the HSC course in core appreciation and major study appreciation.</p>			
Assessment: HSC Course Only			
External Assessment	Weighting	Internal Assessment	Weighting
Core Performance Solo Dance and <i>Viva Voce</i>	20	Core Performance	20
Core Composition Solo Composition and <i>Viva Voce</i> Performed by another student	20	Core Composition	20
Core Appreciation A Written Examination (One Hour)	20	Core Appreciation	20
Major Study			
Major Study Performance One Solo Dance and <i>Viva Voce</i>	40	Development of Major Study	40
Or			
Major Study Composition One Dance Composition: New Solo, Group Dance and <i>Viva Voce</i>			
Or			
Major Study-Dance & Technology			
Option 1: Choreographing the Virtual Body. Presentation of a choreographed work using 3D animation software and <i>Viva Voce</i>			
Or			
Option 2: Film and Video. Presentation filmed and edited choreographed work and <i>Viva Voce</i> .			
	100		100

Design & Technology

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

Students study Design Processes, Design Theory and Factors in relation to Design Projects.

In The **Preliminary Course** Students study Designing and Producing which includes the completion of a Design Project.

In The **HSC Course** students undertake a study of innovation and emerging technologies, which includes a case study of an innovation. They also study designing and producing, which includes the completion of a Major Design Project.

Main Topics Covered:

Preliminary Course

Designing and Producing including the study of Design Theory, Design Processes, Creativity, Collaborative Design, Research, Management, Using Resources, Communication, Manufacturing and Production, Computer-Based Technologies, Safety, Evaluation, Environmental Issues, Analysis, Marketing and Manipulation of Materials, Tools and Techniques.

HSC Course

Innovation and Emerging Technologies, including a case study of innovation. The study of designing and producing includes a major design project. The project folio addresses 3 key areas: project proposal and management, project development and realization, and project evaluation.

Particular Course Requirements:

In the preliminary course, students must participate in hands-on practical activities and undertake a design project. In the HSC course the activities of designing and producing that were studied in the preliminary course are synthesized and applied. This culminates in the development and realization of a major design project and the presentation of a case study.

Assessment HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
Section i: The examination consists of: Written paper. Part A – multiple choice Part B – one compulsory question made up of a number of short structured response parts Part C – extended response question based on innovation & emerging technologies, designing and producing. This will provide opportunities for students to make reference to the major design project and the case study.	40	Innovation and emerging technologies, including a compulsory case study of an innovation Other tasks including written tasks Designing and producing (which may include aspects of the major design project that are not assessed externally)	40
Section ii: Major design project This will include submission of: (i) A folio documenting the project proposal and project management, project development and realisation and project evaluation. (ii) A product system or environment.	60		60
	100		100

Drama			
2 Units for each of Preliminary and HSC Board Developed Course “A” category course		Exclusions: Nil	
Course Description:			
Students study the practices of making, performing and critically studying in drama. Students engage with these components through collaborative and individual experiences.			
Preliminary course content comprises an interaction between the components of improvisation, playbuilding and acting, elements of production in performance and theatrical traditions and performance styles. Learning is experiential in these areas.			
HSC Course Content			
Australian drama and theatre and studies in drama and theatre involves the theoretical study through practical exploration of themes, issues, styles and movements of traditions of theatre exploring relevant acting techniques, performance styles and spaces.			
The group performance, of between three and six students, involves creating a piece of original theatre (8 to 12 minutes duration). It provides opportunity for each student to demonstrate his or her performance skills.			
For the Individual Project students demonstrate their expertise in a particular area. They choose one project from critical analysis or design or performance or script-writing or video drama.			
Main Topics Covered:		HSC Course	
Preliminary Course		HSC Course	
Improvisation, Playbuilding, Acting		Australian Drama and Theatre (core content)	
Elements of Production In Performance		Studies in Drama and Theatre	
Theatrical Traditions and Performance Styles		Group Performance (core content)	
		Individual Project	
Particular Course Requirements:			
In the study of theoretical components, students engage in practical workshop activities and performances to assist their understanding, analysis and synthesis of material covered in areas of study. In preparing for the group performance, a published topic list is used as a starting point. The individual project is negotiated between the student and the teacher at the beginning of the HSC Course. Excursions: Students will be required to attend various performances which will be an added cost.			
Assessment HSC Course Only:			
External Assessment	Weighting	Internal Assessment	Weighting
Group presentation (core)	30	Australian drama and theatre	30
Individual project	30	Studies in drama and theatre	30
A one and a half hour written examination comprising two compulsory sections:		Development of group performance	20
Australian drama and Theatre (core)	40	Development of individual project	20
Studies in drama and theatre			
	100		100

Economics

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Exclusions: Nil

Course Description:

Economics provides an understanding for students about many aspects of the economy and its operation that are frequently reported in the media. It investigates issues such as why employment or inflation rates change and how these changes will impact on individuals in society. Economics develops a student’s knowledge and understanding of the operation of the global and Australian economy. It develops the analytical, problem solving and communication skills of students. There is a strong emphasis on the problems and issues in a contemporary Australian economic context within the course.

Main Topics Covered:

Preliminary Course

Introduction Economics

Consumers and Business

Markets

Labour Markets

Financial Markets

Government in the Economy

HSC Course

The Global Economy

Australia’s Place in the Global Economy

Economic Issues

Economic Policies and Management

Assessment: HSC Course Only

External Assessment	Internal Assessment	Weighting
A Three Hour Written Examination	Tests/Exams	50
	Research, Investigation and Communication	30
	Stimulus Based Skills	20
100		100

English Advanced

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Exclusions: English Standard

Course Description:

In the **Preliminary English (Advanced) course** students explore the ways events, experiences, ideas, values and processes are represented in and through texts and analyse the ways in which texts reflect different attitudes and values.

In the **HSC English (Advanced) Course** students analyse and evaluate texts and the ways they are valued in their contexts.

The (Advanced) English course is suitable for only the most able English students.

Main Topics Covered:

Preliminary Course: **The Course Has Two Sections:**

- Content common to the standard and advanced courses is undertaken through a unit of work called an area of study. Students explore texts and develop skills in synthesis. The common content comprises 40% of the course content. Students undertake at least one area of study.
- Electives in which students explore, examine and analyse texts and analyse aspects of shaping meaning and the ways in which texts and contexts shape and are shaped by different attitudes and values. The electives comprise 60% of the content.

HSC Course: The course has two sections:

- The HSC common content consists of one area of study common to the HSC standard and the advanced courses where students analyse and explore texts and apply skills in synthesis.
- Modules which emphasise particular aspects of shaping, meaning and representation, questions of textual integrity, and ways in which texts are valued. Students are required to choose one elective from each of three modules a, b or c.

Particular Course Requirements:

Preliminary English (Advanced) course requires:

- Exploration of a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia texts.
- Wide reading programs involving texts and textual forms composed in and for a wide variety of contexts
- Integration of the modes: reading, writing, listening, speaking, and viewing and representing as appropriate
- Engagement in the integrated study of language and text

HSC English (Advanced) Course requires:

- The close study of at least **five** types of prescribed text, one drawn from **each** of the following categories: Shakespearian drama; prose fiction; drama **or** film; poetry; nonfiction **or** media **or** multimedia texts.
- A wide range of additional related texts and textual forms.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
A Written Examination Paper Consisting Of Paper 1 (2 Hours) Paper 2 (2 Hours) Module A, B and C	100	Area of Study (Common Course Content) Module A, B and C Assessment Across The Language Modes: Listening, Speaking, Reading Writing, Viewing & Representing	40 60

English Standard

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Exclusions: English Advanced

Course Description:

In the **Preliminary English (Standard) Course** students explore the ways events, experiences, ideas, and processes are represented in and through texts.

In the **HSC English (Standard) Course** students reflect on and demonstrate the effectiveness of texts for different audiences and purposes

The (Standard) English course caters for the needs of most students.

Main Topics Covered:

Preliminary Course

The course has two sections:

- Content common to the standard and advanced courses is undertaken through a unit of work called an area of study. Students explore texts and develop skills in synthesis. The common content comprises 40% of the course content. Students undertake at least one area of study.
- Electives in which students explore and examine texts and analyse aspects of meaning. The electives comprise 60% of the content.

HSC Course

The Course Has Two Sections:

- The HSC common content which consists of one area of study common to the HSC standard and the HSC advanced courses where students analyse and explore texts and apply skills in synthesis.
- Modules that provide elective choices which emphasise particular aspects of shaping meaning and demonstration of the effectiveness of texts for different audiences and purposes. Students are required to choose one elective from each of the modules.

Particular Course Requirements:

In The Preliminary English (Standard) Course Students Are Required To:

- Explore a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia texts.
- Undertake wide reading programs involving texts and textual forms composed in and for a wide variety of contexts
- Integrate the modes of reading, writing, listening, speaking, viewing and representing as appropriate
- Engage in the integrated study of language and text

HSC English (Standard) Course Requires:

The close study of at least **four types of prescribed text**. One drawn from **each** of the following categories: prose fiction; drama; poetry; nonfiction, film, media **or** multimedia. Students also study a wide range of additional related texts and textual forms.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
A written examination paper consisting of Paper 1 (2hours)	100	Area of Study (Common Course Content) Module A, B and C	40
Paper 2 (2hours) Module A, B and C		Assessment Across the Language Modes: Listening, Speaking, Reading, Writing, Viewing & Representing	60

English Studies	
2 Units for each of Preliminary and HSC Content Endorsed Course Non ATAR course	Exclusions: English (Advanced); English (ESL); English (Extension) English (Standard)
<p>Course Description</p> <p><i>English Studies</i> is designed to support students in developing proficiency in English to enhance their personal, social and vocational lives. It offers a comprehensive language experience that is reflected in the modes of reading, writing, speaking, listening, viewing and representing.</p> <p><i>English Studies</i> addresses the needs of a specific group of students who wish to complete and be awarded a higher school certificate but who are seeking an alternative to the current Standard English Course.</p>	
<p>Main Topics Covered</p> <p>120-hour preliminary course and a 120-hour HSC Course. Each course is comprised of a mandatory module and a series of additional modules to satisfy the following pattern.</p> <p>Preliminary Course: 3-5 modules</p> <p>HSC Course: 3-5 modules</p> <p>The module <i>achieving through English: English and the worlds of education, careers and community</i> is mandatory in the preliminary course.</p> <p>The module <i>we are Australians – English in citizenship, community and cultural identity</i> is mandatory in the HSC course.</p> <p>Additional modules are to be selected from the elective modules</p>	
<p>Particular Course Requirements</p> <p>In each of the preliminary and HSC years students are required to:</p> <ul style="list-style-type: none"> • Read, view, listen to and compose a wide range of texts, including print texts and multi-modal texts • Undertake study of at least one substantial print text and at least one substantial multi-modal text • Be involved in planning, research and presentation activities as part of one individual and/or one collaborative project • Engage with the community through avenues such as visits, surveys, interviews, work experience, listening to guest speakers and/or excursions • Develop a portfolio of texts they have planned, drafted, edited and presented in written, graphic and electronic forms across all the modules undertaken during the year. 	
<p>Assessment</p> <p>English Studies encompasses an internal assessment only. There is no external Higher School Certificate examination for this subject. Assessment across the language modes: listening, speaking, reading, writing, viewing & representing</p>	

English as a Second Language

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: All other English courses

Course Description:

In The Preliminary English (ESL) Course Students Explore The Ways Events, Experiences, Ideas, And Processes Are Represented In And Through Texts.

In The HSC English (ESL) Course, students reinforce and extend their language skills and develop and apply skills in synthesis.

The English ESL course may be accessed by any student who has been educated overseas or in an Australian educational institution using English as the language of instruction for five years or less prior to the beginning of the Preliminary year of study.

Main Topics Covered:

Preliminary Course

The course has two sections:

- Language Study within an Area of Study
- Electives which are developed by teachers and require students to use their developing English language skills to explore the ways particular texts, forms, media, contexts or aspects of language shape meaning.

HSC Course

The course has two sections:

- The HSC Language Study within an Area of Study provides students with the opportunity to explore, analyse and question the ways perceptions of a concept are shaped in and through a variety of texts.
- Electives which require students to use their developing English language skills to explore the ways particular texts, forms, media, contexts or aspects of language shape meaning.

Particular Course Requirements:

Preliminary English (ESL) Course. Students Are Required To:

- Develop skills, knowledge and understanding of the ways ideas and processes are represented in texts.
- Explore a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia texts.

HSC English (ESL) Course. Students Are Required To:

- The close study of at least three types of prescribed text, one drawn from each of the following categories: prose fiction; drama; poetry; nonfiction, film or media or multimedia.
- A wide range of additional related texts and textual forms.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
A Written Examination Paper Consisting Of Paper 1 (2 Hours) Paper 2 (2 Hours) Module A, B and C	100	Area of Study (Common Course Content) Module A, B and C Assessment Across The Language Modes: Listening, Speaking, Reading Writing, Viewing & Representing	40 60

English Extension			
HSC English Extension 1 HSC English Extension 2 “A” category courses		Exclusions: English (Standard) Course	
1 Unit of study for each of Preliminary and HSC Board Developed Courses “A” category courses			
Prerequisites:			
(A) English (Advanced) Course			
(B) Preliminary English Extension Course is prerequisite for Extension Course 1.			
(C) Extension Course 1 is prerequisite for Extension Course 2			
Course Description:			
In the Preliminary English (Extension) Course students explore how and why texts are valued in and appropriated into a range of contexts. They consider why some texts may be perceived as culturally significant.			
In the HSC English (Extension) Course 1 students explore ideas of value and consider how cultural values and systems of valuation arise.			
In the HSC English (Extension) Course 2, students develop a sustained composition and document their reflection on this process.			
Main Topics Covered:			
Preliminary Extension Course			
The course has one mandatory section, module: texts, culture and value			
HSC Extension Course 1			
The course has one section. Students must complete one elective chosen from one of the three modules offered for study: module a: genre; module b: texts and ways of thinking; module c: language and values.			
HSC Extension Course 2			
The course requires students to complete a major work			
Particular Course Requirements:			
Preliminary English (Extension) Course requires students to examine a key text from the past and its manifestations in one or more popular cultures. Students also explore, analyse and critically evaluate different examples of such appropriations in a range of contexts and media.			
The HSC English (Extension) Course 1 requires the study of prescribed texts the HSC English (Extension) Course 2 requires completion of a major work proposal, a statement of reflection and the major work for submission.			
Assessment: HSC Extension Course 1			
External Assessment	Weighting	Internal Assessment	Weighting
A written examination of 2 hours duration	50	Module A, B or C	50
		Assessment across the language modes: <i>speaking & listening, reading & writing, viewing & representing</i>	50
Assessment: HSC Extension Course 2			
External Assessment	Weighting	Internal Assessment	Weighting
Submission of Major Work Including a 1000 – 1500 Word (Maximum) Reflection Statement	50	Proposal : presentation of proposal for major work	10
		Viva Voce : interview and discussion/exploration of the work in progress	20
		Report : the impact of independent investigation on the development of the major work	20
	50		50

Food Technology

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Exclusions: Nil

Course Description:

Food technology provides opportunities for students to develop capability and competence in designing and preparing food to satisfy the needs of a diversity of food situations through practical class experiences; and local restaurant and child care excursions.

The course is about the nature of food and human nutrition and it gives an appreciation of the importance of food to good health. It is about food systems in the production, processing and consumption of food and their impact on society through the hospitality, catering, and food manufacturing industries. The food technology syllabus focuses on food applications in domestic, commercial and industrial settings.

Food technology is concerned with the importance of food to the well-being of the individual and to the social and economic future of Australia.

Main Topics Covered:

Preliminary Course

Food Availability and Selection	30%
Food Quality	40%
Nutrition	30%

HSC Course

The Australian Food Industry	25%
Food Manufacture	25%
Food Product Development	25%
Contemporary Nutrition Issues	25%

Particular Course Requirements:

It is a mandatory requirement that students undertake practical cooking experiences.

Course Costs:

\$90 per year students must also provide a white apron for practical lessons. this may be purchased from the school

Summary of External And Internal HSC Assessment

External Examination	Mark
<i>Section I</i> - Objective response questions	20
<i>Section II</i> - Short-answer questions	50
<i>Section III</i> - Candidates answer one structured extended response question	15
<i>Section IV</i> - Candidates answer one extended response question	15
	100

Internal Assessment	Weighting
Knowledge and understanding of food technology	20
Skills in researching, analysing and communicating food issues	30
Skills in experimenting with and preparing food by applying theoretical concepts	30
Skills in designing, implementing and evaluating solutions to food situations	20
	100

French Continuers

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: French Beginners

Course Description:

The Preliminary And HSC Courses Have As Their Focuses and Three Themes And Associated Topics. The Student's Skills In, And Knowledge Of French Will Be Developed Through Tasks Associated With A Range Of Texts And Text Types, Which Reflect The Themes And Topics. The Student Will Also Gain An Insight Into The Culture And Language Of French-Speaking Communities Through The Study Of A Range Of Texts.

Main Topics Covered:

- Themes:
 - The Individual
 - The French- Speaking Communities
 - The Changing World

Students Language Skills Are Developed Through Tasks Such As:

- Conversation
- Responding To An Aural Stimulus
- Responding To A Variety Of Different Written Material
- Writing For A Variety Of Purposes
- Studying French Culture Through Texts

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
An oral examination consisting of:			
- Conversation	20	Speaking	20
A written examination consisting of:		Listening And Responding	25
- Listening and Responding	25	Reading And Responding	40
Reading and Responding:		Writing In French	15
- Part A	25		
- Part B	15		
Writing in French:			
- First Task	5		
- Second Task	10		
	100		100

French Beginners

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: French Continuers.
Other eligibility rules apply to
the study of this subject. Check
with your teacher.

Course Description:

In **the preliminary course**, students will begin to develop their knowledge and understanding of French. During this course students must acquire some knowledge of the French language as a system through topics such as social interaction and personal identification, and through the integrated use of the four skills: listening, speaking, reading and writing.

In the **HSC Course**, students will continue to develop their knowledge and understanding of French through the four skills: listening, speaking, reading and writing. All topics listed in the syllabus must be studied for the HSC. Topics previously studied during the preliminary course will be studied in greater depth for the HSC course.

Main Topics Covered:

- Personal identification
- Leisure activities
- Travel and tourism
- Shops and services
- General (numbers, time, dates, weather)
- Social interaction

Particular Course Requirements: Nil

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
Oral/Aural Examination:			
Listening Skills	30	Listening Skills	30
Speaking Skills	20	Speaking Skills	20
A Written Examination:			
Reading Skills	30	Reading Skills	30
Writing Skills	20	Writing Skills:	20
	100		100

Geography			
2 Units for each of Preliminary and HSC Board Developed Course “A” category course		Exclusions: Nil	
Course Description: <p>The preliminary course studies recent developments in natural and human geography to increase students’ knowledge and understanding of our world. It uses fieldwork, geographical skills and the study of recent geographical issues.</p> <p>The HSC course enables students to understand and appreciate geographical issues and trends in ecosystem management, city growth and world tourism. It uses enquiry methods through fieldwork and a variety of case studies to increase understanding of our environment.</p>			
Main Topics Covered:			
Preliminary Course			
Biophysical Studies		45% of Course Time	
Global Challenges		45% of Course Time	
The Senior Geography Project		10% of Course Time	
HSC Course			
Ecosystems at Risk		33% of Course Time	
Urban Places		33% of Course Time	
People and Economic Activity		33% of Course Time	
Particular Course Requirements: Students Complete A Senior Geography Project (SGP) In The Preliminary Course And Must Undertake 15 Hours Of Fieldwork In Both The Preliminary And HSC Courses.			
Assessment: HSC Course Only			
External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination	100	Fieldwork	10
		Geographical Research	20
		Interpretation and Synthesis of Geographical Stimulus (Skills)	30
		Geographical Explanations, Discussion, Expositions and Reports	40
	100		100

Industrial Technology (Multimedia Technologies)

2 Units for each of Preliminary and HSC Board Developed Course
"B" category course

Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses

Course Description:

Industrial Technology at Stage 6 will develop a student's knowledge and understanding of the Multimedia industry and its related technologies highlighting the importance of design, management and production through practical experiences.

Industrial Technology Stage 6 consists of Project Work and an 'Industry Study' that will develop a broad range of skills and knowledge related to Multimedia Technologies.

Main Topics Covered include:

Preliminary Course

Industry Study: (15%)

- Structural, technical, environmental and sociological factors, personnel issues, Occupational Health and Safety

Design (10%)

- Elements and principles, types of design, quality, influences affecting design

Management and Communication (20%)

- Development of practical projects; research, analysis and evaluation; skills in managing a project and developing and presenting a management folio; computer based technologies

Production (40%)

- Display a range of skills through the construction of a number of projects

Industry Manufacturing Technology (15%)

- Understanding of a range of processes, tools and technologies

HSC Course

The following sections are taught in relation to the relevant focus area through the development of a Major Project (60%) and a study of the relevant industry:

Industry Study (15%)

Major Project (60%)

- Design, Management and Communication
- Production

Industry Related Manufacturing Technology (25%)

Particular Course Requirements

In the Preliminary course, students must design, develop and construct a number of projects. Each project will include a management folio. Each project may emphasise different areas of the preliminary course content. Students also undertake the study of an individual business within a focus area industry. In the HSC course, students design, develop and construct a Major Project with a management folio. They will also undertake a study of the overall industry related to the specific focus area industry.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
Written examination	40	Practical Task	20
Major Project	60	Presentation	20
		Report	30
		Written Examination	30
TOTAL	100	TOTAL	100

Information Processes and Technology

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

Information processes and technology is the study of computer-based information systems. It focuses on information processes performed by these systems and the information technology that allows them to take place. Social, ethical and non-computer procedures resulting from the processes are considered. Different types of information systems are studied. Through project work, students will create their own information system to meet an identified need.

Preliminary Course: Introduction to Information Skills and Systems (20%)

- Information systems in context
- Information processes
- The nature of data and information
- Reasons for digital data representation
- Social and ethical issues

Tools for Information Processes (50%)

- Collecting
- Organising
- Analysing
- Storing and retrieving
- Processing
- Transmitting and receiving
- Displaying
- Integration of processes

Developing Information Systems (30%)

- Understanding the problem to be solved
- Making decisions
- Designing solutions
- Implementing
- Testing, evaluating and maintaining
- Social and ethical issues

HSC Course

Project Management (20%)

- Understanding the problem
- Designing solutions
- Implementing
- Testing, evaluating and maintaining

Information Systems and Databases (20%)

- Information systems
- Examples of database information systems
- Organisation methods
- Storage and retrieval
- Other information processes
- Issues related to information systems

Communication Systems (20%)

- Characteristics of communication systems
- Examples of communication systems
- Transmitting and receiving in communication systems
- Issues related to communication systems

Options Strands (40%)

Students will select two of the following options:

- Transaction processing systems
- Decision support systems
- Automated manufacturing systems
- Multimedia systems

Particular Course Requirements

There is no prerequisite study for the 2 unit preliminary course. Completion of the 2 unit preliminary course is a prerequisite to the study of the 2 unit HSC course.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
A Three-Hour Written Examination	100	Project (s)	20
		Information systems and databases	20
		Communication systems	20
		Option strand (two of the following)	40
		Transaction processing systems, Decision support systems, Automated manufacturing systems, multimedia systems	
	100		100

Legal Studies

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

The Preliminary Course develops students' understanding of the nature and functions of law through the examination of the law-making processes and institutions.

The HSC Course, through the use of a range of contemporary examples, develops students ability to investigate criminal law, human rights and other legal rights and evaluate the effectiveness of the law in achieving justice.

Main Topics Covered:

Preliminary Course

The Legal System	40% of Course Time
The Individual and the State	30% of Course Time
The Law In Practice	30% of Course Time

HSC Course

Crime	30% of Course Time
Human Rights	25% of Course Time
Two Options	50% of Course Time

Options chosen from consumers, families, global environmental, indigenous peoples, shelter, workplace, world order

Key Themes Incorporated Across Topics: the role of the law in encouraging cooperation and resolving conflict, issues of compliance and non-compliance, extent to which law reflects moral and ethical standards, the role of law reform, the extent to which the law balances the rights of individuals and society, the effectiveness of legal and non-legal measures in achieving justice.

Particular Course Requirements:

No Special Requirements

Assessment HSC Course Only.

External Assessment	Weighting	Internal Assessment
A Three hour written examination:		Core and option studies assessed through:
Core Crime	30	Investigation and Research
Core Human Rights	20	Expositions and Reports
Two Options	50	Written Communication
Focus Studies		
	100	

Marine Studies	
2 Units for each of Preliminary and HSC Content Endorsed Course Non ATAR course	
Exclusions: Nil	
Course Description:	
<p>Marine Studies provides an opportunity for students to study the marine environment on our doorstep and to appreciate its value. It gives them the opportunity to develop the necessary knowledge and skills to understand the environment and use it safely. Our students will be the custodians of these unique ecosystems and will learn to appreciate and protect them.</p> <p>Marine Studies is aimed at the needs of our community that lives and plays on the coast and local waterways. Students will explore a wide range of marine-based leisure and life experiences in a safe setting. Classes provide for both practical and theoretical learning, honing students' acquired skills to solve real life problems. Marine Studies also fosters links to tertiary study and vocational pathways.</p> <p>Through the study of Marine Studies students will develop:</p> <ol style="list-style-type: none"> 1. Knowledge, understanding and appreciation that promote sound environmental practices in the marine environment 2. The ability to manage activities cooperatively and communicate in a marine context 3. An ability to apply the skills of critical thinking, research and analysis 4. Knowledge and understanding of marine industries and their interaction with society and with leisure pursuits 5. Knowledge, understanding and skills of safe practice in the marine context 	
Topics Covered: Core Modules Marine Safety and First Aid The Marine Environment Life in the Sea Humans in Water Marine and Maritime Employment	Optional Modules Resuscitation Certificate First Aid Certificate Dangerous Marine Creatures Estuarine Studies Coastal Studies Coral Reef Ecology Oceanography Local Area Study Sea Birds of Our Coast Commercial and Recreational Fishing Aquaculture Marine Resource Management The Marine Aquarium Anatomy and Physiology of Marine Organisms Seafood Handling and Processing Skin Diving and Diving Science Marine Engineering Marine Archaeology Boating and Seamanship Marine Craft Construction and Repair
At the completion of this subject students will have attained: <ul style="list-style-type: none"> • Their boat license • The ability to identify and select seafood then prepare, cook and serve it • Skills to safely skin dive • These are life-long skills that students will utilise beyond their school 	
Assessment:	
Marine Studies encompasses an internal assessment only. There is no external higher school certificate examination for this subject. Marine Studies will assess both practical and theoretical learning through course work and rich tasks.	

STAGE 6 MATHEMATICS COURSES

MATHEMATICS GENERAL

The course is constructed on the assumption that students have studied the content and achieved the outcomes of the *Mathematics Years 7-10 Syllabus* up to, and including, the content and outcomes of Stage 5.1. The HSC Mathematics General 2 course is recommended for students who have studied Stage 5.2 content, particularly the *Patterns and Algebra* topics and *Trigonometry*.

From 2013 there is a new syllabus for the Preliminary and HSC Mathematics General course.

Preliminary Course:

The Preliminary Mathematics General course is undertaken by all students intending to study either the HSC Mathematics General 2 course or the HSC Mathematics General 1 course.

The Preliminary Mathematics General course contains the five Strands: Financial Mathematics, Measurement, Algebra and Modelling, Data and Statistics Probability as well as two Focus Studies: Mathematics and Communication, and Mathematics and Driving. It is structured to provide appropriate pathways to both the HSC Mathematics General 2 course and the HSC Mathematics General 1 course.

HSC Courses:

After completing the Preliminary Course in year 11, students can study one of two General Mathematics HSC courses in year 12, depending on the pathways they wish to follow.

- **HSC Mathematics General 2** (Board Developed) course. The first HSC examination for Mathematics General 2 will be conducted in 2014. The HSC Mathematics General 2 course has been written on the assumption that students have demonstrated a high level of competence in the Preliminary Mathematics General course. The are two Focus Studies within the course – Mathematics and Health, and Mathematics and Resources.
- This course is recommended for students wishing to enter the workforce and/or undertaking further training, and for university courses in the humanities, nursing and paramedical sciences. **This course contributes to ATAR.**
- **HSC Mathematics General 1** Content Endorsed Course (CEC). This course has been designed to better meet the needs of students who wish to study mathematics in Stage 6 but whose purposes are not accommodated in the HSC Mathematics General 2 course. As with other Content Endorsed Courses, the HSC Mathematics General 1 course will be subject to internal assessment only. **This course does not contribute to ATAR.**

MATHEMATICS

For students who intend to study the Mathematics course, it is **recommended** that they have studied the Stage 5.3 content of Mathematics Years 7-10 Syllabus. This course is a sufficient basis for further studies in Mathematics as a minor discipline at tertiary level in support of courses such as the life sciences or commerce.

MATHEMATICS EXTENSION 1

The content of this course includes the whole of the 2 unit Mathematics course in addition to the Extension 1 course. It is recommended for students who have demonstrated a high mastery of the skills of Stage 5.3 content of Mathematics Years 7-10 Syllabus. This course is recommended for students who wish to undertake further studies in mathematics as a major discipline at a tertiary level and for the study of mathematics in support of the physical and engineering sciences.

MATHEMATICS EXTENSION 2

This is a HSC course designed for students with a special interest in Mathematics who have shown that they possess special aptitude for the subject.

Mathematics General/HSC Mathematics General 1

2 Units for each of Preliminary and HSC
 Preliminary = Board Developed Course. HSC = Content Endorsed Course.
 Non ATAR course

Prerequisites: The Preliminary Mathematics General course has been constructed on the assumption that students have studied the content and achieved the outcomes of the *Mathematics Years 7-10 Syllabus* up to, and including, the content and outcomes of Stage 5.1.

Exclusions: Students may not study any other Stage 6 preliminary mathematics course in conjunction with the Preliminary Mathematics General course, or any other Stage 6 HSC mathematics course in conjunction with the HSC Mathematics General 1 course.

Course Description:

The Preliminary Mathematics General/HSC Mathematics General 1 pathway provides students with the opportunity to develop an understanding of and competence in further aspects of mathematics for concurrent HSC studies, such as in vocational education and training courses, other practically oriented courses, and some humanities courses. It also provides an appropriate mathematical background for students entering the workforce and/or undertaking further training.

Note: As for other Content Endorsed Courses, the HSC Mathematics General 1 course will be subject to internal assessment only, and **not** formal examination at the HSC. Also, the two units of study for the HSC Mathematics General 1 course cannot be counted in the 10 units required for the calculation of an ATAR.

Main Topics Covered:

Preliminary Mathematics General Course

Strand: Financial Mathematics
 Strand: Data and Statistics
 Strand: Measurement
 Strand: Probability
 Strand: Algebra and Modelling
 Focus Study: Mathematics and Communication
 Focus Study: Mathematics and Driving

HSC Mathematics General 1 course

Strand: Financial Mathematics
 Strand: Data and Statistics
 Strand: Measurement
 Strand: Probability
 Strand: Algebra and Modelling
 Focus Study: Mathematics and Design
 Focus Study: Mathematics and Household Finance
 Focus Study: Mathematics and the Human Body
 Focus Study: Mathematics and Personal Resource Usage

Assessment:

Once the assessment of the HSC course has commenced, some preliminary course work can be included in assessment tasks for general mathematics.

No more than 30% of the assessment is to be based on the preliminary course.

External Assessment

As for other Content Endorsed Courses, the HSC Mathematics General 1 course will be subject to internal assessment only, and not formal examination at the HSC. Also, the two units of study for the HSC Mathematics General 1 course cannot be counted in the 10 units required for the calculation of an ATAR.

Internal Assessment

A variety of assessment tasks across all of the content of the course.
 Component A (50%) is concerned with the student's concepts, skills and techniques.
 Component B (50%) is primarily concerned with student's reasoning and communication.

N/A

100%

Mathematics General/HSC Mathematics General 2

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Prerequisites: The course is constructed on the assumption that students have studied the content and achieved the outcomes of the Mathematics Years 7–10 Syllabus up to, and including, the content and outcomes of Stage 5.1. some if not all Stage 5.2 content, particularly the Patterns and Algebra topics and Trigonometry

Exclusions: Students may not study any other Stage 6 Preliminary Mathematics course in conjunction with the Preliminary Mathematics General course, or any other Stage 6 HSC mathematics course in conjunction with the HSC Mathematics General 2 course.

Course Description:

The Preliminary Mathematics General course is the same preliminary course that forms part of the Preliminary Mathematics General/HSC Mathematics General 1 pathway. The Preliminary Mathematics General/HSC Mathematics General 2 pathway provides students with the opportunity to develop an understanding of and competence in further aspects of mathematics for a range of concurrent HSC studies, such as in the life sciences, the humanities and business studies. The pathway also provides a strong foundation for students entering the workforce and/or undertaking further training, and for university courses in the humanities, nursing and paramedical sciences.

Main Topics Covered:

Preliminary Mathematics General Course

Strand: Financial Mathematics
Strand: Data and Statistics
Strand: Measurement
Strand: Probability
Strand: Algebra and Modelling
Focus Study: Mathematics and Communication
Focus Study: Mathematics and Driving

HSC Mathematics General 2 Course

Strand: Financial Mathematics
Strand: Data and Statistics
Strand: Measurement
Strand: Probability
Strand: Algebra and Modelling
Focus Study: Mathematics and Health
Focus Study: Mathematics and Resources

Assessment:

Once the assessment of the HSC course has commenced, some preliminary course work can be included in assessment tasks for General Mathematics. No more than 30% of the assessment is to be based on the preliminary course.

External Assessment

The examination will consist of a written examination paper of 2 ½ hours duration (plus five minutes reading time) containing two sections with a total mark value of 100 marks. All questions in the examination are compulsory.

The examination will be based mainly on the HSC General Mathematics course and will focus on the course objectives and HSC outcomes. The Preliminary General Mathematics course will be assumed knowledge for this examination. Questions focusing on HSC General Mathematics outcomes may also relate to knowledge, skills and understanding from the Preliminary General Mathematics course.

100%

Internal Assessment

A variety of assessment tasks across all of the content of the course.

Component A (50%) is concerned with the student’s concepts, skills and techniques.

Component B (50%) is primarily concerned with student’s reasoning and communication.

100%

Mathematics

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Prerequisites: For students who intend to study the Mathematics course, it is recommended that they study the topics Real Numbers, Algebraic Techniques and Coordinate Geometry as well as at least some of Trigonometry and Deductive Geometry from Stage 5.3 of Mathematics Years 7–10 Syllabus, if not all of the content.

Exclusions: General Mathematics

Course Description:

The course is intended to give students who have demonstrated general competence in the skills of Stage 5.3 Mathematics an understanding of and competence in some further aspects of mathematics which are applicable to the real world. It has general educational merit and is also useful for concurrent studies in science and commerce. The course is a sufficient basis for further studies in mathematics as a minor discipline at tertiary level in support of courses such as the life sciences or commerce. Students who require substantial mathematics at a tertiary level, supporting the physical sciences, computer science or engineering, should undertake the Mathematics Extension 1 course or both the Mathematics Extension 1 and Mathematics Extension 2 courses.

Main Topics Covered:

Preliminary Course

Basic Arithmetic And algebra
Real functions
Trigonometric ratios
Linear functions
The quadratic polynomial and the parabola
Plane geometry
Tangent to a curve and derivative of a function

HSC Course

Coordinate methods in geometry
Applications of geometrical properties
Geometrical applications of differentiation
Integration
Trigonometric functions
Logarithmic and exponential functions
Applications of calculus to the physical world
Probability
Series and Series applications

Assessment:

Up to 20% of internal assessment may be based on Preliminary course.

External Assessment

The examination will consist of a written examination paper of three hours duration (plus five minutes reading time) containing two sections with a total mark value of 100 marks. All questions in the examination are compulsory.

The examination will be based mainly on the HSC Mathematics course and will focus on the course objectives and HSC outcomes. The Preliminary Mathematics course will be assumed knowledge for this examination. Questions focusing on HSC Mathematics outcomes may relate to knowledge, skills and understanding from the Preliminary Mathematics course.

100%

Internal Assessment

The objectives of the course are grouped into two components, component A and component B, for assessment purposes. Component A (50%) is primarily concerned with the student's concepts, skills and understanding in each content area listed in the syllabus. Component B (50%) is primarily concerned with the student's reasoning and communication. A number of tasks will be used to determine a student's school-based assessment and any one task may contribute to measuring attainments in both components.

100%

Mathematics Extension 1

1 Unit for each of Preliminary and HSC
Board Developed Course
“A” category course

Prerequisites: For students who intend to study the Mathematics Extension 1 course, it is recommended that they study the Stage 5.3 optional topics (identified by #) Curve Sketching and Polynomials, Functions and Logarithms, and Circle Geometry of Mathematics Years 7–10 Syllabus.

Exclusions: General Mathematics

Course Description:

The content of this course, which includes the whole of the 2 unit course, and its depth of treatment indicate that it is intended for students who have demonstrated a high mastery of the skills of Stage 5.3 Mathematics and are interested in the study of further skills and ideas in mathematics. The course is intended to give these students a thorough understanding of and competence in aspects of mathematics, including many which are applicable to the real world. It has general educational merit and is also useful for concurrent studies of science, industrial arts and commerce. The course is a recommended minimum basis for further studies in mathematics as a major discipline at a tertiary level and for the study of mathematics in support of the physical and engineering sciences. Although the course is sufficient for these purposes, students of outstanding mathematical ability should consider undertaking the Mathematics Extension 2 course.

Main Topics Covered:

Preliminary Course	HSC Course
<ul style="list-style-type: none"> • Other inequalities • Circle geometry • Further trigonometry • Angles between two lines • Internal and external division of lines into given ratios • Parametric representation • Permutations and combinations • Polynomials • Harder applications of the preliminary 2 unit course 	<ul style="list-style-type: none"> • Methods of integration • Application of Calculus to the Physical World • Velocity and acceleration as a function of x • Inverse functions and inverse trigonometric functions • Mathematical Induction • Binomial theorem • Further probability • Iterative methods for numerical estimation of the roots of a polynomial equation • Harder Applications of HSC 2 Unit Mathematics Topics

Assessment:

Based on whole course (both Preliminary and HSC)

External Assessment	Internal Assessment
<p>Mathematics Extension 1 students will be required to attempt TWO examination papers: the Mathematics examination paper AND the Mathematics Extension 1 examination paper.</p> <p>The Extension examination will consist of a written examination paper of two hours duration (plus five minutes reading time) with a total mark value of 70 marks. All questions in the examination are compulsory.</p> <p>The examination will be based mainly on the HSC Mathematics Extension 1 course and will focus on the course objectives and HSC outcomes. The Preliminary Mathematics Extension 1 and Mathematics courses will be assumed knowledge for this examination. Questions focusing on HSC Mathematics Extension 1 outcomes may relate to knowledge, skills and understanding from the Preliminary Mathematics Extension 1 and Mathematics courses.</p>	<p>The objectives of the course are grouped into two components, component A and component B, for assessment purposes.</p> <p>Component A (50%) is primarily concerned with the student’s concepts, skills and techniques in each content area listed in the syllabus.</p> <p>Component B (50%) is primarily concerned with the student’s reasoning and communication.</p> <p>A number of tasks will be used to determine a student’s school-based assessment and any one task may contribute to measuring attainments in both components.</p>
100%	100%

Mathematics Extension 2

1 Unit for the HSC Course
Board Developed Course
“A” category course

Prerequisites: This course is designed for students with a special interest in Mathematics who have shown that they possess special aptitude for the subject. Students who choose to study Mathematics Extension 2 must have completed the preliminary Mathematics Extension 1 course.

Exclusions: General mathematics

Course Description:

The course offers a suitable preparation for study of mathematics at tertiary level, as well as a deeper and more extensive treatment of certain topics than is offered in other Mathematics courses. It represents a distinctly high level in school mathematics involving the development of considerable manipulative skill and a high degree of understanding of the fundamental ideas of algebra and calculus. These topics are treated in some depth, thus, the course provides a sufficient basis for a wide range of useful applications of mathematics as well as an adequate foundation for the further study of the subject.

Main Topics Covered:

Graphs
Complex Numbers
Conics
Integration
Volumes
Mechanics
Polynomials
Harder Mathematics Extension 1 Topics

Assessment: HSC Course Only

External Assessment	Internal Assessment
<p>Mathematics Extension 2 students will be required to attempt TWO examination papers: the Mathematics Extension 1 examination paper AND the Mathematics Extension 2 examination paper.</p> <p>The examination will consist of a written examination paper of three hours duration (plus five minutes reading time) with a total mark value of 100 marks. All questions in the examination are compulsory.</p> <p>The examination will be based mainly on the Mathematics Extension 2 course and will focus on the course objectives and outcomes. The Mathematics Extension 1 and Mathematics courses will be assumed knowledge for this examination. Questions focusing on Mathematics Extension 2 outcomes may relate to knowledge, skills and understanding from the Mathematics Extension 1 and Mathematics courses.</p>	<p>The objectives of the course are grouped into two components, component A and component B, for assessment purposes.</p> <p>Component A (50%) is primarily concerned with the student’s concepts, skills and techniques in each content area listed in the syllabus.</p> <p>Component B (50%) is primarily concerned with the student’s reasoning and communication.</p> <p>A number of tasks will be used to determine a student’s school-based assessment and any one task may contribute to measuring attainments in both components.</p>
100%	100%

Modern History

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

The preliminary course is designed to provide students with opportunities to investigate individuals, groups, events, institutions, societies and ideas in a range of historical contexts as a background for their more specialised HSC studies.

The HSC course is designed for students to investigate national and international forces for change and continuity in the twentieth century through 3 major studies.

Main Topics Covered:

Preliminary Course

Part I: Case Studies (50%)

Part II: Historical Investigation (20%)

Part III: Core Study - The world at the beginning of the 20th Century (30%).

HSC Course

Part I: Core Study - 25%
World War 1 - 1914 -1919

Part II: National Study - 25%
Students will also undertake the study of one national study (country) in the 20th Century.

Part III: One Personality in the 20th Century (25%).

Part IV: International study in peace and conflict - 25%

Particular Course Requirements:

The Preliminary Course Is A Prerequisite For The HSC Course.

Assessment: HSC Course Only

External Assessment	Internal Assessment
A 3 hour written examination in three parts	Core, National and International studies are assessed through a range of tasks including: <ul style="list-style-type: none"> • Research • Source analysis • Oral and written communication
100	100

Music 1

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Prerequisites: Music Mandatory Course (or Equivalent). Students must be interviewed by the music teacher before selecting the subject.

Exclusions: Music 2

Course Description:

In the preliminary and HSC courses, students will study the concepts of music through learning experiences in performance, composition, musicology and aural within the context of a range of styles, periods and genres.

Main Topics Covered:

Students study three topics in each year of the course. Topics are chosen from a list of 21 which cover a range of styles, periods and genres.

Particular Course Requirements:

HSC Course

In addition to core studies in performance, composition, musicology and aural, students select three electives from any combination of performance, composition and musicology. These electives must represent each of the three topics studied in the course.

Students selecting composition electives will be required to compile a portfolio of work as part of the process of preparing a submitted work. The portfolio may be requested by the board of studies to validate authorship of the submitted work.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
Core performance (one piece)	17.5	Core Performance	10
A 45 minute - 1 hour aural exam	30	Core Composition	10
Electives:		Core Musicology	25
Three electives from any combination of:		Core Aural	15
• Performance (one piece)	17.5	Elective 1	15
• Composition (one submitted composition)	17.5	Elective 2	15
• Musicology (one viva voce)	17.5	Elective 3	10
	100		100

Personal Training and Coaching

2 Units for each of Preliminary and HSC
Content Endorsed Course
Non ATAR Course

Exclusions: Students studying Board Developed PDHPE must study CEC modules which duplicate PDHPE modules.

Course Description

Personal Training and Coaching makes a positive contribution to the total wellbeing of students. They develop knowledge and understanding of the value of activity, increased levels of movement skill, competence in a wide variety of sporting and fitness contexts and skills in planning to be active. These and other aspects of the course enable students to develop skills which will allow them to pursue a career in Personal Training and/or Coaching.

This course caters for a wide range of student needs. As part of the course:

- Students will become a nationally accredited coach
- Students will gain an accredited first aid certificate
- Students will become a nationally accredited official
- Student's gain valuable experience as a fitness leader and personal trainer.
- Students will work in leadership roles within the school and outside the school utilising their skills

The course features a **highly practical focus:** physical activity being both an area of study and a medium for learning. All students should be given significant opportunities to apply theoretical understanding to practical situations that are socially and culturally relevant and gender inclusive.

Pattern of Study

2 units over two years, 120 hours Preliminary plus 120 hours HSC with 6-9 modules studied.

The modules in Personal Training and Coaching are:

- First Aid and Sports Injuries
- Games and Sports Applications I
- Individual Games and Sports Applications
- Sports Administration
- Sports Coaching and Training II.
- Fitness
- Games and Sports Applications II
- Resistance Training
- Sports Coaching and Training I

Assessment

Component	Weighting
Knowledge and Understanding	50%
Skills	50%

Personal Development Health and Physical Education

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Nil

Course Description:

PDHPE is an integrated area of study that provides for the intellectual, social, emotional, physical and spiritual development of students' (Board of Studies 1999)

All aspects of PDHPE are relevant to all young people and the syllabus provides a direct link with future study and vocational pathways in the areas of recreation, paramedical, movement and health sciences.

The course aims to develop in each student a capacity to think critically about key issues in order to make informed decisions, very valuable skills no matter what their future aspirations.

The course objectives are that students develop:-

- Values and attitudes that promote healthy and active lifestyle and communities
- Knowledge and understanding of factors that affect health
- A capacity to exercise influence over personal and community health outcomes
- Knowledge and understanding about the way the body moves
- An ability to take action to improve participating and performance in physical activity
- An ability to apply the skills of critical thinking, research and analysis.

This course allows students to achieve academic excellence and at the same time develop valuable workplace skills and personal social skills.

Main topics covered:

Preliminary course

Core topics (70%)

- Meanings of health and physical activity
- Better health for individuals
- The body in motion

Optional components (30%)

Students to select two options each from

- First aid
- Composition and performance
- Fitness choices
- Outdoor recreation

HSC Course

Core topics (60%)

- Health priorities in Australia
- Factors affecting performance

Optional component (40%)

Students to select two options each from

- The health of young people
- Sport and physical activity in Australian society
- Sports medicine
- Improving performance
- Equity and health

Particular Course Requirements:

In addition to core studies students select two options in each of the preliminary and hsc courses.

Assessment: HSC Course Only

External Assessment	Internal Assessment	Weighting
A Three Hour Written Paper	Core	60
	Options	40
100		100

Physics

2 Units for each of Preliminary and HSC
Board Developed Course
“A” category course

Exclusions: Senior Science

Course Description:

The preliminary course includes the study of kinematics and dynamics; the properties of waves; electrical energy, electric and magnetic fields, generators, superconductors and transformers; and the interaction between energy and matter that brought about the formation of the earth.

The HSC course builds upon the preliminary course. It examines the effects of gravitational fields, momentum, projectile and circular motion and the development of our understanding of the macro and atomic world throughout the twentieth century.

Main Topics Covered:

Preliminary Course

The World Communicates
The Cosmic Engine
Electrical Energy In The Home
Moving About

HSC Course - Core Topics

Space
Motors and Generators
From Ideas to Implementation

One Option from the Following:

Medical Physics
Astrophysics
From Quanta to Quarks
The Age of Silicon

Particular Course Requirements:

Practical experiences should occupy a minimum of 80 indicative hours across preliminary and HSC course time.

Senior Science

2 Units for each of Preliminary and HSC
Board Developed Course
"A" category course

Exclusions: Biology, Chemistry, Earth And Environmental Science and Physics

Course Description:

The preliminary course incorporates the study of some aspects of human anatomy and discusses issues associated with the protection of the body in the workplace; the interactions between organisms in local ecosystems; the collection, storage and conservation of water resources; and the structure and function of plants with an emphasis on Australian native plants.

The HSC course examines the range and importance of biological molecules found in humans and other organisms; the physical and chemical properties of chemicals used by people on and in their bodies; the structure and function of organs of the human body and the physical features of these organs that can be detected by medical technology.

Students must undertake mandatory field work in both the preliminary and HSC courses.

Main Topics Covered:

Preliminary course

Humans at Work
The Local Environment
Plants
Water for Living

HSC course - Core Topics

Lifestyle Chemistry
Medical Technology - Bionics
Information Systems

One Option

Polymers
Preservatives and Additives
Space Science
Pharmaceuticals

Particular Course Requirements:

The preliminary course includes field experience in the identification of soil types as well as how biological factors interact to form the local environment. Practical experiences should occupy a minimum of 80 indicative hours across preliminary and HSC course time.

Society and Culture			
2 Units for each of Preliminary and HSC Board Developed Course “A” category course		Exclusions: Nil	
Course Description: Society and Culture promotes students’ awareness of the cultural continuities and changes within societies and cultures. It provides them with skills to critically analyse complementary and contrasting viewpoints about people, societies, cultures and environments, and their interactions across time. Society and Culture promotes an awareness of the nature of power and authority, gender, technology, and facilitates intercultural understanding.			
Main Topics Covered:			
Preliminary Course			
The Social and Cultural World			
Personal and Social Identity			
Intercultural Communication			
HSC Course – Core Topics			
Personal Interest Project			
Social and Cultural Continuity and Change			
2 Depth Studies to be chosen from			
Popular Culture			
Belief Systems			
Equality and Difference			
Work and Leisure			
Particular Course Requirements: In the HSC course there is a research project, worth 40% of the HSC mark, with students selecting a suitable topic from the course. This will involve substantial research, contain a number of components and include a log. It will be externally marked.			
Assessment: HSC Course			
External Assessment		Internal Assessment	
PIP	40%	Knowledge/Understanding	50
HSC Exam	60%	Application/Evaluation	30
		Communication	20
100			100

Software Design and Development	
2 Units for each of Preliminary and HSC Board Developed Course “A” category course	
Exclusions: Nil	
Course Description:	
<p>The Preliminary Course introduces students to the basic concepts of computer software design and development. It does this by looking at the different ways in which software can be developed, the tools that can be used to assist in this process and by considering the interaction between software and the other components of the computer system.</p> <p>The HSC Course builds on the preliminary course and asks students to develop and document software using a variety of data structures and language facilities. Through these they will learn to solve a number of interesting and relevant software problems.</p>	
Preliminary Course	HSC Course
<p>Concepts and Issues in the Design and Development of Software</p> <ul style="list-style-type: none"> • Social and ethical issues • Hardware and software • Software development approaches <p>Introduction to Software Development</p> <ul style="list-style-type: none"> • Defining and understanding the problem • Planning and designing software solutions • Implementing software solutions • Testing and evaluating software solutions • Maintaining software solutions <p>Developing Software Solutions</p>	<p>Development and Impact of Software Solutions</p> <ul style="list-style-type: none"> • Social and ethical issues • Application of software development approaches <p>Software Development Cycle</p> <ul style="list-style-type: none"> • Defining and understanding the problem • Planning and designing software solutions • Implementing software solutions • Testing and evaluating software solutions • Maintaining software solutions <p>Developing a Solution Package Options</p> <ul style="list-style-type: none"> • Programming paradigms <p>OR</p> <ul style="list-style-type: none"> • The interrelationship between software and hardware
Particular Course Requirements	
Practical Experience Should Occupy A Minimum Of 20% Of The Preliminary Course, And A Minimum Of 25% Of The HSC Course. There Are Software And Course Specifications.	
Assessment: HSC Course Only	
External Assessment	Weighting
Section I - Core: 20 multiple choice questions	20
Section II - Core: There will be approximately 10 questions.	60
Section III - Options: There will be two questions, one for each of the options.	20
	100
Internal Assessment	Weighting
Knowledge and understanding about development and impact of software solutions and the software development cycle.	20
Design and development of software solutions	35
Project management techniques, including documentation, teamwork and communication	35
Projects	20
	100

VET HOSPITALITY CURRICULUM FRAMEWORK

(Kitchen Operations and Cookery stream)

2 Units for each of Preliminary and HSC
Board Developed Course
"B" category VET course

PUBLIC SCHOOLS NSW - ULTIMO
Registered Training Organisation 90072

HOSPITALITY KITCHEN OPERATIONS and COOKERY COURSE DESCRIPTION 2015

This may change due to Training Package and Board of Studies, Teaching and Educational Standards (BOSTES) updates.

Notification of variations will be made in due time.

Course: **Hospitality - Kitchen Operations (240 indicative hours)**

4 Preliminary and/or HSC units in total

Board Developed Course

Category B status for Australian Tertiary Admission Rank (ATAR)

This curriculum framework includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation

SIT20312 Certificate II in Kitchen Operations

Units of Competency

Core

- BSBWOR203B Work effectively with others
- SITHCCC101 Use food preparation equipment
- SITHCCC201 Produce dishes using basic methods of cookery
- SITHCCC207 Use cookery skills effectively
- SITHKOP101 Clean kitchen premises and equipment
- SITXFSA101 Use hygienic practices for food safety
- SITXINV202 Maintain the quality of perishable items
- SITXWHS101 Participate in safe work practices

Electives

- SITHCCC202 Produce appetisers and salads
- BSBSUS201A Participate in environmentally sustainable work practices
- SITHCCC204 Produce vegetable, fruit, egg and farinaceous dishes
- SITHCCC203 Produce stocks, sauces and soups
- SITXFSA201 Participate in safe food handling practices
- SITHIND201 Source and use information on the hospitality industry

Students may apply for Recognition of Prior Learning provided suitable evidence is submitted.

Qualifications Students who undertake the Kitchen Operations and Cookery stream and are assessed as competent in the core and electives units of competency will be eligible for a **SIT20312 Certificate II in Kitchen Operations**. There are eight Employability Skills: communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology. Employability skills summaries for Qualifications can currently be downloaded from the <http://www.training.gov.au> website; by using the website search to find the Qualification.

Pathways to Industry

Skills gained in this course transfer to other occupations. Working in the hospitality industry involves:

- supporting and working with colleagues to meet goals and provide a high level of customer service
- prepare menus, managing resources, preparing, cooking and serving a range of dishes

Examples of occupations in the hospitality industry:

- breakfast cook
- trainee chef
- short order or fast food cook

Mandatory Course Requirements Students must complete a minimum of 70 hours work placement.

Students who do not meet these requirements will be 'N' determined as required by the Board of Studies, Teaching and Educational Standards (BOSTES).

Competency – Based Assessment

Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out competency. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.

Appeals Students may lodge an appeal about assessment decisions through their VET teacher.

External Assessment (optional HSC examination)

The Higher School Certificate examination for Hospitality (240 indicative hours) will involve a written examination consisting of multiple-choice items, short answers and extended response items. The questions will be based on units of competency and *HSC Requirements and Advice* detailed in the syllabus. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification but may be used in the calculation of the ATAR.

Course Costs: Consumables: Year 11 \$140; Year 12 \$140 TOTAL \$280 Other: Chef's Uniform purchase approx. \$70. Chef's toolbox hire \$70 – fully refunded on return of working equipment, hire fee charged only if toolbox required for work placement.

Refund Arrangements on a pro-rata basis

A school-based traineeship and apprenticeship are available in this course, for more information: <http://www.sbatinnsw.info/>

For more information on possible outcomes please visit the Board of Studies NSW website: <http://www.boardofstudies.nsw.edu.au>

Public Schools NSW Course Descriptions for 2015 v2 April 2014

D. Sarcia - GTHS - 06/14 v1

This course will change due to Training Package and Board of Studies, Teaching and Educational Standards (BOSTES) updates.

Notification of variations will be made in due time.

Course: **Information and Digital Technology (240 indicative hours)**

4 Preliminary and/or HSC units in total

Board Developed Course

Category B status for Australian Tertiary Admission Rank (ATAR)

This curriculum framework includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.

Statement of Attainment towards

ICA30111 Certificate III in Information, Digital Media and Technology

Units of Competency

Core

- BSBWHS304A Participate effectively in WHS communication and consultation processes
- BSBSUS301A Implement and monitor environmentally sustainable work practices
- ICAICT202A Work and communicate effectively in an IT environment
- ICAICT301A Create user documentation
- ICAICT302A Install and optimise operating system software
- ICASAS301A Run standard diagnostic tests

Stream

- ICAICT203A Operate application software packages
 - ICAICT308A Use advanced features of computer applications
 - ICAWEB302A Build simple websites using commercial programs
- #### Elective
- ICAWEB201A Use social media tools for collaboration and engagement
 - ICAWEB301A Create a simple mark-up language document
 - ICAWEB303A Produce digital images for the web

Students may apply for Recognition of Prior Learning provided suitable evidence is submitted.

Students who are assessed as competent in the units listed will be eligible for a Statement of Attainment towards **ICA30111 Certificate III in Information, Digital Media and Technology**. There are eight Employability Skills: communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology. Employability skills summaries for Qualifications can currently be downloaded from the <http://www.training.gov.au> website; by using the website search to find the Qualification.

Pathways to Industry

Working in the information and digital technology industry involves:

- designing web pages
- supporting computer users
- networking computers communicating with clients
- finding solutions to software problems

Examples of occupations in the information and digital technology industry

- Service technician
- help desk office
- Multimedia developer
- On-line service support officer
- Technical support officer
- Web designer

Mandatory Course Requirements

Students must complete a minimum of 70 hours' work placement. Students who do not meet these requirements will be 'N' determined as required by the Board of Studies, Teaching and Educational Standards (BOSTES).

Competency- Based Assessment

Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency When a student achieves a unit of competency it is signed off by the assessor.

Appeals Students may lodge an appeal about assessment decisions through their VET teacher.

External Assessment (optional HSC examination)

The Higher School Certificate examination for Information and Digital Technology (240 indicative hours) will involve a written examination consisting of multiple-choice items, short answers and extended response items. The questions will be based on units of competency and *HSC Requirements and Advice* detailed in the syllabus. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification but may be used in the calculation of the ATAR.

A school-based traineeship is available in this course, for more information: <http://www.sbatinnsw.info/>

For more information on possible outcomes please visit the Board of Studies NSW website: <http://www.boardofstudies.nsw.edu.au>

Public Schools NSW Course Descriptions for 2015 v2 April 2014

A. Tahir - GTHS - 06/14 v1

Visual Arts

2 units for each of preliminary and HSC
Board developed course
"A" category course

Exclusions: nil

Course Description:

Visual Arts involves students in the practices of artmaking, art criticism and art history. Students develop their own artworks culminating in a 'body of work' in the HSC course that reflects students' knowledge and understanding about the practice and which demonstrates their ability to resolve a conceptually strong work. Students critically investigate works, critics, historians and artists from Australia as well as those from other cultures, traditions and times.

The preliminary course is broad, while the HSC course provides for deeper, increasingly more independent investigations.

While the course builds on visual arts courses in stages 4 and 5, it also caters for students with more limited experience in visual arts.

Main Topics Covered:

Preliminary course learning opportunities focus on:

The nature of practice in artmaking, art criticism and art history through different investigations

The role and function of artists' artwork, the world and audiences in the art world

The frames and how students might develop their own informed points of view

How students may develop meaning and focus and interest in their work

Building understandings over time through various investigations and working in different forms.

HSC Course Learning Opportunities Focus On:

How students may develop their own informed points of view in increasingly more independent ways using the frames

How students may develop their own practice of artmaking, art criticism, and art history applied to selected areas of interest

How students may learn about the relationships between artist, artwork, world, audience within the art world

How students may further develop meaning and focus in their work.

Particular Course Requirements:

Preliminary Course

Artworks in at least 2 forms and use of a process diary

A broad investigation of ideas in art criticism and art history

HSC Course

Development of a body of work and use of a process diary

A minimum of 5 case studies (4-10 hours each)

Deeper and more complex investigations of ideas in art criticism and art history.

Assessment: HSC Course Only

External Assessment	Weighting	Internal Assessment	Weighting
A Written Paper	50	Development of the body of work	50
Submission Of A Body Of Work	50	Art Criticism And Art History	50
	100		100

Visual Design	
2 Units for each of Preliminary and HSC Content Endorsed Course Non ATAR course Exclusions: Works developed for assessment in visual design are not to be used either in full or in part for assessment in any other subject.	
Course Description: This course is designed to enable students to investigate and create a wide range of visual design works, with emphasis on technologies, construction methods and surface treatments. These works may be functional and or structural. Students will be encouraged to design and produced works that demonstrate conceptual and technical accomplishment. Investigations of contemporary and historical visual design works are essential for students' developments of a broader understanding of the possibilities as a field of practice, inviting different interpretations and explanations.	
Main Topics Covered Mandatory Modules <ul style="list-style-type: none"> Occupational Health & Safety Option TOPICS INCLUDE: <ul style="list-style-type: none"> Print - illustrations, multimedia, advertising and communication Object - clothing, jewelry, fabric prints, ceramics, furniture Space-Time-video/animation, architecture, site-specific installations 	
Assessment The following components and weightings apply:	
Component	Weightings
Making	70
Critical Study/Historical Study	30
	100
Course Requirements Student diary, portfolio of work and journal.	

Need More Information?

- Board of Studies Teaching and Educational Standards website:
<http://www.boardofstudies.nsw.edu.au/manuals/hsc-info-yr10-student-parent.php>
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- Schools A to Z
<http://www.schoolatoz.nsw.edu.au/homework-and-study/planning-for-the-future/year-10-subject-selection>
- My Future Website
<http://www.myfuture.edu.au/assist-your-child/talk-to-them-about-careers/help-your-child-choose-school-subjects>
- For the ATAR
<http://www.uac.edu.au/undergraduate/atar/>