

Board Developed Courses



COURSE: ENGLISH ADVANCED

2 units for each of Preliminary Course and HSC Board Developed Course

Exclusions: English Standard; Fundamentals of English; English as a Second Language

Course Description:

In the English Advanced course, students continue to explore opportunities that are offered by challenging texts to investigate complex and evocative ideas, to evaluate, emulate and employ powerful, creative and sophisticated ways to use language to make meaning, and to find enjoyment in literature.

The English Advanced course is designed for students who have a particular interest and ability in the subject and who desire to engage with challenging learning experiences that will enrich their personal, intellectual, academic, social and vocational lives. Students appreciate, analyse and respond imaginatively and critically to literary texts drawn from a range of personal, social, historical and cultural contexts, including literature from the past and present and from Australian and other cultures. They study challenging written, spoken, visual, multimodal and digital texts that represent and reflect a changing global world.

Through their study of English students can become critical thinkers, and articulate and creative communicators. They extend and deepen their ability to use language in subtle, nuanced, inventive and complex ways to express experiences, ideas and emotions. They refine their understanding of the dynamic relationship between language, texts and meaning. They do this through critical study and through the skilful and creative use of language forms and features, and of structures of texts composed for different purposes in a range of contexts. They extend their experiences in researching, accessing, evaluating and synthesising information and perspectives from a range of sources to fulfil a variety of purposes.

Through exploring and experimenting with processes of composition and response, students further develop understanding of how language is employed to create artistic expression in texts. They analyse the different ways in which texts may reflect and/or challenge and extend the conventions of other texts. They evaluate the meanings conveyed in these texts, and how this is achieved. Students further develop skills in independent, collaborative and reflective learning. Such skills form the basis of sound practices of investigation and analysis required for adult life, including the world of work as well as post-school training and education. The modules encourage students to question, reconsider and refine meaning through language, and to reflect on their own processes of responding, composing and learning.

Main Topics Covered:**Year 11 Course**

The Year 11 Course modules include:

- Common module – Reading to Write
- Module A: Narratives that Shape our World
- Module B: Critical Study of Literature

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Common module – Texts and Human Experiences
- Module A: Textual Conversations
- Module B: Critical Study of Literature
- Module C: The Craft of Writing

Particular Course Requirements:

For the **Year 11 English Advanced** course students are required to:

- Complete 120 indicative hours
- Complete the common module as the first unit of work
- Complete modules A and B.
- There are no prescribed texts for Year 11.
- Student must explore a range of texts from prose fiction, drama, poetry, nonfiction, film, media and digital texts.

For the **Year 12 Advanced** course students are required to:

- study four prescribed texts, one drawn from each of the following categories:
 - Shakespeare drama
 - Prose fiction OR print non-fiction
 - Poetry OR drama
 - The remaining text may be film, media or digital text or may be selected from one of the categories above.
- Students must study ONE related text in the Common Module: Texts and Human Experiences.

The **Year 11 and Year 12** courses require students to support their study with their own wide reading.

Across Stage 6 the selection of texts **must** give students experience of the following:

- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate.

School Fees: Nil

COURSE: ENGLISH STANDARD

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The English Standard course is designed for students to increase their expertise in English to enhance their personal, educational, social and vocational lives. The English Standard course provides students, who have a diverse range of literacy skills, with the opportunity to analyse, study and enjoy a breadth and variety of English texts to become confident and effective communicators. English Standard offers a rich language experience that is reflected through the integrated modes of reading, writing, speaking, listening, viewing and representing.

Students engage with texts that include widely acknowledged quality literature from the past and contemporary texts from Australia and other cultures. They explore language forms, features and structures of texts in a range of academic, personal, social, historical, cultural and workplace contexts. Students study, analyse, respond to and compose texts to extend experience, access information and assess its reliability. They synthesise the knowledge gained from a range of sources to fulfil a variety of purposes. Responding to and composing texts provide students with the opportunity to appreciate the imaginative and the affective domains and to recognise the ways texts convey, interpret, question and reflect opinions and perspectives.

In their study of English students continue to develop their creative and critical faculties and broaden their capacity for cultural understanding. The course provides diverse approaches to texts so that students may become flexible and critical thinkers, capable of appreciating the variety of cultural heritages and differences that make up Australian society. They further develop skills in literacy, and independent, collaborative and reflective learning. Such skills form the basis of sound practices of investigation and analysis required for adult life, including the world of work as well as post-school training and education. The course encourages students to analyse, reconsider and refine meaning and reflect on their own processes of writing, responding, composing and learning.

Main Topics Covered:

Year 11 Course

The Year 11 Course modules include:

- Common module – Reading to Write: Transition to Senior English
- Module A: Contemporary Possibilities
- Module B: Close Study of Literature

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Common module - Texts and Human Experiences
- Module A: Language, Identity and Culture
- Module B: Close Study of Literature
- Module C: The Craft of Writing

Particular Course Requirements:

For the **Year 11 English Standard** course students are required to:

- Complete 120 indicative hours
- Complete the common module as the first unit of work
- Complete Modules A and B.
- Students are to study ONE complex multimodal or digital text in Module A.
- Students are to study ONE substantial literary print texts in Module B.
- The Year 11 course requires students to support the study of texts with their own wide reading.

For the **Year 12 English Standard** course students are required to:

- Students are required to study **three types of prescribed texts**, one drawn

from each of the following categories:

- Prose fiction OR print nonfiction
- Poetry OR drama
- Film OR media
- Students must study ONE related text in the Common Module: Texts and Human Experiences.

The **Year 11 and Year 12** courses require students to support their study with their own wide reading.

Across Stage 6 the selection of texts **must** give students experience of the following:

- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate.

School Fees: Nil

COURSE: ENGLISH STUDIES

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The English Studies course is designed to provide students with opportunities to become competent, confident and engaged communicators and to study and enjoy a breadth and variety of texts in English. English Studies focuses on supporting students to refine their skills and knowledge in English and consolidate their English literacy skills to enhance their personal, educational, social and vocational lives.

The course is distinctive in its focus on the development of students' language, literacy and literary skills. It centres on empowering students to comprehend, interpret and evaluate the ideas, values, language forms, features and structures of texts from a range of everyday, social, cultural, academic, community and workplace contexts. It offers comprehensive and contemporary language experiences in the modes of reading, writing, speaking, listening, viewing and representing. Students refine these expressive language skills, responding to and composing a wide variety of oral, written and multimodal texts, including literary, digital and media texts.

Students strengthen their ability to access and comprehend information, to assess its reliability, and to synthesise knowledge gained from a variety of sources. Through its structured and focused approach to responding to and composing texts, the English Studies course also provides students with opportunities to develop in and to appreciate the imaginative and affective spheres and to recognise how texts convey, interpret and reflect ways of thinking about oneself and the world.

The English Studies course also provides diverse approaches to texts so that students may become flexible and critical thinkers, capable of engaging with, understanding and appreciating the variety of cultural heritages and differences that make up Australian and global societies. It also encourages the continued development of skills in literacy, individual and collaborative processes and reflective learning. Such skills form the basis of investigation and analysis required for the world of work, as well as post-school training and education.

Main Topics Covered:

Year 11 Course

The Year 11 Course modules include:

- Mandatory module – Achieving through English: English in education, work and community
- An additional 2 – 4 modules to be studied

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Mandatory common module – Texts and Human Experiences
- An additional 2 – 4 modules to be studied

Note: Students studying **English Studies** may elect to undertake an **optional HSC examination**. The examination mark may be used by the Universities Admissions Centre (UAC) to contribute to the student's Australian Tertiary Admission Rank (**ATAR**).

Particular Course Requirements:

In both **Year 11 and 12** students are required to:

- Complete 120 indicative hours
- Read, view, listen to and compose a **wide range of texts** including print & multimodal texts
- Study at least ONE substantial print text (for example a novel, biography or drama)
- Study at least ONE substantial multimodal text (for example film or a television series).

In **Year 12** students will also be required to:

- Study ONE text from the prescribed text list and one related text for the Common Module: Texts and Human experiences.

In both **Year 11 and 12 students** are required to:

- Be involved in planning, research and presentation activities as part of one individual and/or collaborative project
- Develop a portfolio of texts they have planned, edited and presented in written, graphic and/or electronic forms across all the modules undertaken during the term
- Engage with the community through avenues for example visits, surveys, interviews, work experience, listening to guest speakers and/or excursions

Across Stage 6 the selection of texts must give students experiences of the following as appropriate:

- reading, viewing, listening to and composing a wide range of texts, including literary texts written about intercultural experiences and peoples and cultures of Asia
- Australian texts including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives, popular and youth cultures a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and digital texts.

School Fees: Nil

COURSE: ENGLISH EXTENSION 1

1 unit for each of Year 11 and Year 12 Board Developed Course

Course Description:

The English Extension 1 course provides students who undertake Advanced English and are accomplished in their use of English with the opportunity to extend their use of language and self-expression in creative and critical ways. Through engaging with increasingly complex concepts through a broad range of literature, from a range of contexts, they refine their understanding and appreciation of the cultural roles and the significance of texts.

Students have the opportunity to pursue areas of interest with increased independence and to theorise about the processes of responding to and composing texts. Students learn about research methodology to enable them to undertake extensive investigation used to develop extended compositions. Throughout the course students explore and evaluate multiple meanings and relative values of texts. They explore a range of conceptual frameworks for the reading and composition of texts and examine a range of reading practices to develop awareness of the assumptions that guide interpretation and evaluation. They engage with complex texts that intellectually challenge them to think creatively and critically about the way that literature shapes and reflects the global world. The course is designed for students with an interest in literature and a desire to pursue specialised study of English.

Main Topics Covered:**Year 11 Course**

- Module: Texts, Culture and Values
- Related research project - This project may be undertaken concurrently with the module

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Common module: Literary Worlds with one elective option
- The study of at least THREE texts must be selected from a prescribed text list for the module study including at least TWO extended print texts. Students are required to study at least TWO related texts

Particular Course Requirements:

For the **Year 11 English Extension** course students are required to:

- Complete 60 indicative hours
- Undertake the common module
- Undertake the related independent research project.
- At MFHS - the study of at least TWO substantial texts and TWO related texts of their own choosing

Across Stage 6 the selection of texts **should** give students experience of the following **as appropriate**:

- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media, multimedia and digital texts
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate.

School Fees: Nil

COURSE: ENGLISH EXTENSION 2 (For Year 12 only)

1 unit for Year 12 Board Developed Course

Course Description:

The English Extension 2 course enables students who are accomplished in their use of English with the opportunity to craft language and refine their personal voice in critical and creative ways. They can master skills in the composition process to create a substantial and original Major Work that extends their knowledge, understanding and skills developed throughout Stage 6 English courses. Through the creative process they pursue areas of interest independently, develop deep knowledge and manipulate language in their own extended compositions.

Through the experimentation with and exploration of form, style and media students express complex concepts and values in innovative, insightful and powerful ways. The creative process involves the exploration and expression of complex human experiences, connects individuals to wider visions and perspectives, and enhances a student's enjoyment of literature and the aesthetics of language.

This course provides students with the opportunity to apply and extend research skills developed in the English Extension Year 11 course to their own extensive investigation and develop autonomy and skills as a learner and composer. English Extension 2 develops independent and collaborative learning skills and higher-order critical thinking that are essential at tertiary levels of study and in the workplace.

The course is designed for students who are independent learners with an interest in literature and a desire to pursue specialised study of English.

Main Topics Covered:**Year 12 Course**

- The Composition Process
- Major Work
- Reflection Statement
- The Major Work Journal

Particular Course Requirements:

Students undertake extensive independent investigation involving a range of complex texts during the composition process and document this in their Major Work Journal and Reflection Statement

For the **Year 12 English Extension 2** course students are required to:

- be undertaking study of the Year 12 English Extension 1 course
- complete 60 indicative hours
- complete a Major Work and Reflection Statement
- document coursework in a Major Work Journal.

The selection of texts will depend on the Major Work form and will be appropriate to the purpose, audience and context of the composition.

School Fees: Nil

COURSE: AGRICULTURAL TECHNOLOGY
2 units for each of Preliminary and HSC Board Developed Course
<p>Course Description: The Preliminary Course covers the study of the interactions between agricultural production, marketing and management while giving consideration to the sustainability of the farming system. This is an 'on-farm', environment-oriented course.</p> <p>The HSC Course builds upon the Preliminary Course. It examines the complexity and scientific principles of the components of agricultural production, but places a greater emphasis on the place of the farm in the wider economic, environmental and social environment. The farm as a fundamental production unit provides a basis for analysing and addressing social, environmental and economic issues as they relate to sustainability, from national and international perspectives. This is achieved through the Farm Enterprise/Product Study.</p>
<p>Main Topics Covered:</p> <p>Preliminary Course</p> <ul style="list-style-type: none"> • Overview of Australian Agriculture • The Farm Case Study • Plant Production • Animal Production <p>HSC Course The Higher School Certificate Course builds upon the Preliminary Course. The Preliminary Course contains content that is considered assumed knowledge for the Higher School Certificate Course.</p> <p>Core Topics 70%</p> <ul style="list-style-type: none"> • Plant/Animal Production • Farm Product Study • Optional components <p>2 Electives (15% each) OR Research project (30%)</p> <ul style="list-style-type: none"> • Agribusiness • Horticulture • Innovation and diversification • Animal management • Plant management • Sustainable land and resource management
<p>Particular Course Requirements: Practical experiences should occupy a minimum of 30% of both Preliminary and HSC Course time. If the research project option is undertaken, a project report and process diary must be submitted to NESAs.</p>
<p>School Fees: Preliminary Course \$80 HSC Course \$60</p>

COURSE: ANCIENT HISTORY
2 units for each of Preliminary and HSC Board Developed Course
<p>Course Description: Ancient History involves the study of at least two of the following areas: Egypt, Near East, Greece and Rome in both the Preliminary and HSC courses. The Preliminary Course is structured for students to investigate:</p> <ul style="list-style-type: none"> • 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 <p>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.</p>
<p>Main Topics Covered: Preliminary Course</p> <p>1. Investigating Ancient History The Nature of Ancient History</p> <ul style="list-style-type: none"> • One case Study taken from Egypt, Greece, Rome or Celtic Europe • ONE case study taken from the Near East, Asia, the Americas or Australia. <p>2. Features of Ancient Societies Students study at least TWO ancient societies through an investigation of:</p> <ul style="list-style-type: none"> • a different key feature for each society, OR • one key feature across the societies selected. <p>3. Historical Investigation An historical investigation to further develop relevant investigative, research and presentation skills.</p> <p>HSC Course</p> <ul style="list-style-type: none"> • Core Study: Cities of Vesuvius – Pompeii and Herculaneum (A Roman study) • One 'Ancient Societies' topic • One 'Personalities in their Times' topic • One 'Historical Periods' topic <p>The above topics draw their focus from at least TWO of the following areas: Egypt, Near East, China, Greece, Rome.</p>
<p>Assessment for the Preliminary and HSC course: Assessment schedules will be finalised upon the release of Exam specifications from NESAs.</p>
<p>School Fees: Nil</p>

COURSE: BIOLOGY

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The Biology course explores the diversity of life from a molecular to a biological systems level. It examines the interactions between living things and the environments in which they live, as well as, exploring the application of biology and its significance in finding solutions to health and sustainability issues in a changing world.

Biology uses Working Scientifically processes to develop scientific investigative skills. It focuses on developing problem-solving and critical thinking skills in order to understand and support the natural environment. When Working Scientifically, students are required to design and conduct biological investigations both individually and collaboratively.

The Biology course builds on students' knowledge and skills developed in the Science Stage 5 course and increases their understanding of Biology.

The study of Biology, which is often undertaken in interdisciplinary teams, complements the study of other science disciplines and other STEM (Science, Technology, Engineering and Mathematics) related courses. Through the analysis of qualitative and quantitative data, students are encouraged to solve problems and apply knowledge of biological interactions that relate to a variety of fields.

Main Topics Covered:**Year 11 Course**

The Year 11 Course modules include:

- Module 1 – Cells as the Basis of Life
- Module 2 – Organisation of Living Things
- Module 3 – Biological Diversity
- Module 4 – Ecosystem Dynamics

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Module 5 – Heredity
- Module 6 – Genetic Change
- Module 7 – Infectious Disease
- Module 8 – Non-infectious Disease and Disorders

Particular Course Requirements:

- 15 hours in Year 11 and 15 hours in Year 12 will be allocated to a depth study.
- Scientific investigations including both practical investigations and secondary-sources investigations are mandatory in Year 11 and Year 12. Students are required to keep records of all scientific investigations.
- All science courses have **presumed** knowledge requirements from Years 7 – 10.
- Students selecting Biology will need to have achieved strong results in Year 10. Students also need to be proficient in Mathematics.

School Fees: Nil

COURSE: BUSINESS STUDIES			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description: Business activity is a feature of everyone's life. The Business Studies syllabus encompasses the theoretical and practical aspects of business in ways students will encounter throughout their lives. It offers learning from the planning of a small business to the management of operations, marketing, finance and human resource in large businesses. Contemporary business issues and case studies are embedded in the course to provide a stimulating and relevant framework for students to apply to problems encountered in the business environment. Business Studies fosters intellectual, social and moral development by assisting students to think critically about the role of business and its ethical responsibilities to society.			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Nature of business (20%) – the role and nature of business • Business management (40%) – the nature and responsibilities of management • Business planning (40%) – establishing and planning a small to medium enterprise 			
HSC Course			
<ul style="list-style-type: none"> • Operations (25%) – strategies for effective operations management • Marketing (25%) – development and implementation of successful marketing strategies • Finance (25%) – financial information in the planning and management of business • Human resources (25%) – human resource management and business performance 			
Particular Course Requirements: In the Preliminary course there is a research project, investigating the operation of a small business and/or planning the establishment of a small business			
Additional Information: In both Year 11 and 12 students study Australian businesses to reinforce their classroom teaching. Students also enter Australian Business Studies Competitions to enhance their knowledge and practice their skills.			
Assessment HSC Course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination	100	Knowledge and understanding Stimulus-based skills Inquiry and research Communication	40 20 20
	100		100
School Fees: Nil			

COURSE: CHEMISTRY
2 units for each of Year 11 and Year 12 Board Developed Course
<p>Course Description: The Chemistry course explores the structure, composition and reactions of and between all elements, compounds and mixtures that exist in the Universe. The discovery and synthesis of new compounds, the monitoring of elements and compounds in the environment, and an understanding of industrial processes and their applications to life processes are central to human progress and our ability to develop future industries and sustainability.</p> <p>The course further develops an understanding of Chemistry through the application of Working Scientifically skills. It focuses on the exploration of models, understanding of theories and laws, and examination of the interconnectedness between seemingly dissimilar phenomena.</p> <p>Chemistry involves using differing scales, specialised representations, explanations, predictions and creativity, especially in the development and pursuit of new materials. It requires students to use their imagination to visualise the dynamic, minuscule world of atoms in order to gain a better understanding of how chemicals interact.</p> <p>The Chemistry course builds on students' knowledge and skills developed in the Science Stage 5 course and increases their understanding of Chemistry as a foundation for undertaking post-school studies in a wide range of Science, Technology, Engineering and Mathematics (STEM) related fields. A knowledge and understanding of Chemistry is often the unifying link between interdisciplinary studies.</p>
<p>Main Topics Covered:</p> <p>Year 11 Course The Year 11 Course modules include:</p> <ul style="list-style-type: none"> • Module 1 – Properties and Structure of Matter • Module 2 – Introduction to Quantitative Chemistry • Module 3 – Reactive Chemistry • Module 4 – Drivers of Reactions <p>Year 12 Course The Year 12 course builds upon the knowledge from the Year 11 Course. The Year 12 Course modules include:</p> <ul style="list-style-type: none"> • Module 5 – Equilibrium and Acid Reactions • Module 6 – Acid/base Reactions • Module 7 – Organic Chemistry • Module 8 – Applying Chemical Ideas
<p>Particular Course Requirements:</p> <ul style="list-style-type: none"> • 15 hours in Year 11 and 15 hours in Year 12 will be allocated to a depth study. • Scientific investigations including both practical investigations and secondary-sources investigations are mandatory in Year 11 and Year 12. Students are required to keep records of all scientific investigations. • All science courses have presumed knowledge requirements from Years 7 – 10. • Students selecting Chemistry will need to have achieved strong results in Year 10. Students also need to be proficient in Mathematics.
School Fees: Nil

COURSE: COMMUNITY & FAMILY STUDIES	
2 units for each of Preliminary and HSC Board Developed Course	
Course Description: Community & Family Studies involves an indepth investigation of families and communities in today's changing Australian society.	
Main Topics Covered:	
Preliminary Course	
<ul style="list-style-type: none"> • Resource Management • Individuals and Groups • Families and Communities 	
HSC Course	
<ul style="list-style-type: none"> • Research Methodology • Groups in Context • Parenting and Caring 	
HSC Option Modules – one only is to be studied	
<ul style="list-style-type: none"> • Family and Societal Interactions - How government and community structures support and protect family members throughout the lifespan • Social Impact of Technology - The impact of evolving technologies on individuals, families and communities • Individuals and work - Contemporary issues confronting families as they manage their roles within both their family and work environments 	
Particular Course Requirements: As part of the HSC, students are required to complete an Independent Research project, which is a research project on a topic of your choice.	
Assessment HSC course only:	
Component	Weighting
Knowledge and understanding of how the following impact on wellbeing <ul style="list-style-type: none"> • resource management • positive relationships • range of societal factors • nature of groups, families and communities 	40
Skills in: <ul style="list-style-type: none"> • applying management processes to meet the needs of individuals, groups, families and communities • planning to take responsible action to promote wellbeing 	25
Knowledge and understanding about research methodology and skills in researching, critical thinking, analysing and communicating	35
	100
School Fees: Preliminary Course \$45 HSC Course \$35	

COURSE: DANCE	
2 unit of study for a Preliminary and HSC Board Developed Course Exclusions: Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.	
Main Topics Covered:	
Preliminary Course	
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. Components to be completed are:	
<ul style="list-style-type: none"> • Performance (40%) • Composition (20%) • Appreciation (20%) • Additional (20%) (to be allocated by the teacher to suit the specific circumstances/context of the class). 	
HSC Course	
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	
<ul style="list-style-type: none"> • Core (60%) Performance (20%), composition (20%), appreciation (20%) • Major Study (40%), Performance or Composition or Appreciation or Dance and Technology 	
Particular Course Requirements	
The interrelation of the course components is a major feature in the study of dance as an artform and is emphasised throughout both courses. 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.	
Assessment HSC Course only:	
External Assessment	Weighting
Composition	20%
Appreciation	20%
Major Study	40%
Performance	20%
School Fees: Nil	

COURSE: DESIGN AND TECHNOLOGY			
2 units for each of Preliminary and HSC Board developed course			
Course Description: Design and Technology offers students a great opportunity to study the exciting world of design and how it applies to the practical construction of products, systems and environments. Students learn about what factors influence good design so that they can understand and evaluate the things which have been designed in their real worlds – from small domestic products through to large buildings and architectural structures. This course caters for students who may decide to undertake further studies in Industrial Design, Graphics, Architectural or Product Design at a tertiary level.			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> ◆ Design theory and practice ◆ Design and production processes ◆ Use of resources in the development and production of design solutions ◆ Management techniques and tools to develop design projects ◆ Communication – ideas and solutions using a range of techniques ◆ Research – development and modification of design ideas ◆ Computer based technologies in designing and producing products, systems and environments 			
HSC Course			
<ul style="list-style-type: none"> ◆ Design and development of a product, system or an environment ◆ Influence of trends in society on design and production ◆ Impact of design and innovation on society and the environment ◆ Factors that influence innovation and quality design ◆ Design and development of a major design project including management strategies ◆ Research and communication techniques ◆ The setting and evaluation of design priorities and specifications 			
NOTE: DESIGN & TECHNOLOGY IS A CATEGORY "A" SUBJECT			
Assessment HSC Course only:			
External Examination	Mark	Internal Assessment	Weighting
Written examination		Innovation and emerging technologies	
Section I	10		
Objective response questions		• Case study of an innovation	20
Section II	15		20
Short-answer questions		• Other tasks	60
Section III	15	Designing and producing	
One structured extended response question			
Major Design Project	60		
	100		100
School Fees: Preliminary Course \$100 HSC Course \$55 (Includes Workbook)			

NOTE: There is no prerequisite for Design & Technology – Graphics & Multi-Materials. However, students who have shown an interest in Technical Graphics and Computer Aided Drawing up to the end of Year 10 will have an advantage in the early stages of the course. Students who have a hobby or interest in a specific area may find the opportunity to develop a major project around their interest area. Students design a product, a system and/or an environment, so the range of projects possible is quite large. Please talk to any member of the Industrial Arts staff if you have any queries

COURSE: DRAMA	
2 units for each of Preliminary and HSC Board Developed Course	
<p>Course Description: In 2 Unit Drama students have the opportunity to develop their expressive and communication skills while participating in practical workshops concentrating on <i>script analysis, acting and performance</i>. Students interested in performing on stage and studying acting techniques and styles as well as aspects of theatrical production would be well suited to 2 Unit Drama.</p> <p>During the Preliminary Drama Course students are involved in a <i>group devised performance and an individual project</i> enabling the development of skills in <i>acting, directing, lighting, sound set/costume and design</i>. The course is modelled off the HSC course to thoroughly prepare students for the rigorous Year 12 course. This includes a close study of text and fundamental practice in devising group theatre.</p> <p>In the HSC Drama Course students devise and develop a <i>Group Performance</i> of 8-12 minutes in length for external examination. This performance is an original piece of theatre allowing students to enhance and refine their creative, collaborative and negotiation skills as they work with their peers. The <i>Individual Project</i> enables students to specialise demonstrating their expertise in one particular area of interest. The project can be chosen from Performance, Script-writing, Theatre Criticism, Set/Lighting/Costume Design or Video Production. The Individual Project is also, examined externally as a practical component of the HSC examination.</p>	
<p>Main Topics Covered:</p> <p>Preliminary Course</p> <ul style="list-style-type: none"> ◆ Script Analysis, Playbuilding, Acting ◆ Elements of Production in Performance ◆ Theatrical Traditions and Performance Styles <p>HSC Course</p> <ul style="list-style-type: none"> ◆ Australian -Drama and Theatre ◆ Studies in Drama and Theatre ◆ Group Performance ◆ Individual Project 	
<p>Particular Course Requirements: The Preliminary Course builds upon the foundation skills necessary for the successful achievement of all outcomes in the HSC Course. In the study of theory, all students participate in practical workshop activities and performances to enhance their understanding of the material studied in the prescribed topics. In preparing for the Group Performance, a published list is used as a starting point for the actors. The Individual Project is negotiated between the student and the teacher at the beginning of the HSC Course. Students choosing Design must base their work on a play from the prescribed list.</p>	
Assessment HSC course only:	
External Assessment	Weighting
Making	40
Performing	30
Critical Study	30
	100
School Fees: Nil	

COURSE: EARTH AND ENVIRONMENTAL SCIENCE

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The Earth and Environmental Science course explores the Earth's renewable and non-renewable resources and also environmental issues. An understanding of the Earth's resources and the ability to live sustainably on the planet is a central purpose of the study of Earth and Environmental Science.

The course uses the Working Scientifically skills to develop knowledge through the application of those skills. Students engage with inquiry questions to explore knowledge of the Earth. They also undertake practical and secondary-sourced investigations to acquire a deeper understanding of the Earth's features and naturally occurring phenomena and cycles.

Earth and Environmental Science involves the analysis, processing and evaluation of qualitative and quantitative data in order to formulate explanations and solve problems. In conjunction with knowledge and understanding, communication skills are essential in forming evidence-based conclusions or arguments.

The Earth and Environmental Science course builds on the students' knowledge and skills developed in the Science Stage 5 course and increases their understanding of the Earth and Environmental Science. The course maintains a practical emphasis in the delivery of the course content, and engages with technologies that assist in developing Earth and Environmental Science applications.

Main Topics Covered:**Year 11 Course**

The Year 11 Course modules include:

- Module 1 – Earth's Resources
- Module 2 – Plate Tectonics
- Module 3 – Energy Transformations
- Module 4 – Human Impacts

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Module 5 – Earth's Processes
- Module 6 – Hazards
- Module 7 – Climate Science
- Module 8 – Resource Management

Particular Course Requirements:

- 15 hours in Year 11 and 15 hours in Year 12 will be allocated to a depth study.
- Scientific investigations including both practical investigations and secondary-sources investigations are mandatory in Year 11 and Year 12. Students are required to keep records of all scientific investigations.
- All science courses have **presumed** knowledge requirements from Years 7 – 10.
- Students selecting Earth and Environmental Science will need to have achieved strong results in Year 10. Students also need to be proficient in Mathematics.

School Fees: Nil

COURSE: ECONOMICS			
2 units for each of Preliminary and HSC Board Developed Course			
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 unemployment or inflation rates change and how these changes will impact on individuals in society. Economics develops students' 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			
<ul style="list-style-type: none"> • Introduction to Economics • Consumers and Business • Markets • Labour Markets • Financial Markets • Government in the Economy 			
HSC Course			
<ul style="list-style-type: none"> • The Global Economy • Australia's Place in the Global Economy • Economic Issues • Economic Policies and Management 			
Assessment HSC course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination	100	Knowledge and understanding Stimulus-based skills Inquiry and research Communication	40 20 20
	100		100
School Fees: Nil			

COURSE: ENGINEERING STUDIES			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description: Both Preliminary and HSC courses offer students' knowledge, understanding and skills in aspects of engineering that include communication, engineering mechanics/hydraulics, engineering materials, historical/societal influences, engineering electricity/electronics, and the scope of the profession. Students study engineering by investigating a range of applications and fields of engineering.			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Students study four modules of work beginning with an introductory module on Engineering fundamentals in which the basic concept of engineering mechanics, materials and graphics are covered in reference to some simple engineered products • This is followed by two Engineering Application modules, one on Engineered Products and the other on Braking Systems • The fourth module studied is an Engineering focus module in the interesting area of Biomedical Engineering • Students complete engineering reports based on these modules of today 			
HSC Course			
<ul style="list-style-type: none"> • Students study four modules of work beginning with an Engineering Application Module on Civil structures. In this unit of work Bridges and cranes as used in the construction of civil structures, are studied in some detail. • This is followed by two Engineering Application modules on Personal and Public Transport and Aeronautical Engineering • The fourth module studied is an Engineering focus module on Telecommunications engineering 			
NOTE: Engineering studies is a Category "A" subject. Students who need a reasonable level of mathematical ability to successfully attempt the mechanics work in the course.			
Particular Course Requirements:			
<ul style="list-style-type: none"> ◆ No prerequisites for this course ◆ Students need only to have an interest in Information Technology Students may study both this course and the 2 Unit Software Design and Development course			
Assessment HSC course only:			
External Examination	Mark	Internal Assessment	Weighting
<i>Section 1</i> Objective response questions	20	Knowledge and understanding of engineering principles and developments in technology	50
<i>Section II</i> Short-answer questions	80	Skills in research, problem solving and communication related to engineering	30
	100	Understanding of the scope and role of engineering including management and problem solving	20
			100
School Fees: Preliminary Course \$55 HSC Course \$55 (Includes workbooks and some graphics equipment)			

COURSE: FOOD TECHNOLOGY	
2 units of each of Preliminary and HSC Board Developed Course	
<p>Course Description: Students will develop knowledge and understanding about:</p> <ul style="list-style-type: none"> • processing and consumption of food • the nature of food and human nutrition • the importance of food to health and its impact on society <p>Skills will be developed in:</p> <ul style="list-style-type: none"> • researching, analysing and communicating food issues, food preparation, and the design, implementation and evaluation of solutions to food situations. 	
<p>Main Topics Covered:</p> <p>Preliminary Course</p> <ul style="list-style-type: none"> • Food Availability and Selection • Food Quality • Nutrition <p>HSC Course</p> <ul style="list-style-type: none"> • The Australian Food Industry • Food Manufacture • Food Product Development <p>Options – 1 only</p> <ul style="list-style-type: none"> • Issues in Nutrition • Issues in the Marketplace 	
Assessment HSC course only:	
Component	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
School Fees: Preliminary Course \$90 HSC Course \$70	

COURSE: FRENCH BEGINNERS			
2 units for each of Preliminary and HSC Board Developed Course			
Exclusions: Not studied for School ROSA (Must have done >200hrs)			
Course Description: The Preliminary and HSC Courses have as their organisational focuses 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:			
<ul style="list-style-type: none"> ◆ The personal world ◆ The French-speaking communities 			
Students' language skills are developed through tasks such as:			
<ul style="list-style-type: none"> ◆ 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 			
Summary of external and internal HSC assessment			
External Examination	Mark	Internal Assessment	Weighting
Written examination <i>Section 1 – Listening</i> Short-answer and objective response questions	30	Listening Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section II – Reading</i> Two questions containing short-answer and/or objective response parts	30	Reading Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section III – Writing in [Language]</i> Part A Two short-answer question	10	Writing Objective 1: Interacting Objective 3: Producing Texts	20
Part B Candidates answer one extended response alternative	10		
Oral examination	20	Speaking Objective 1: Interacting Objective 2: Producing Texts	20
	100		100
Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			
School Fees: Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			

COURSE: FRENCH CONTINUERS			
2 units for each of Preliminary and HSC Board Developed Course Prerequisites: 200-300 hours study of the language or equivalent Exclusions: French Beginners			
Course Description: The Preliminary and HSC Courses have as their organisational focuses 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: <ul style="list-style-type: none"> • The individual • The French-speaking communities • The changing world <p>Students' language skills are developed through tasks such as:</p> <ul style="list-style-type: none"> • 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 			
Summary of external and internal HSC assessment			
External Examination	Mark	Internal Assessment	Weighting
Written examination <i>Section 1 – Listening and Responding</i> Short-answer and objective response questions	25	Listening and Responding Objective 3	25
<i>Section II – Reading and Responding</i> Part A Two questions containing short-answer and/or objective response parts Part B One extended response question	25 15	Reading and Responding Objectives 1, 2 and 3	40
<i>Section III – Writing in [Language]</i> One short-answer question Candidates answer one extended response alternative	5 10	Writing in [Language] Objective 2	15
Oral examination	20	Speaking Objectives 1 and 4	20
	100		100
Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			
School Fees: Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			

COURSE: GEOGRAPHY			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description:			
<p>The Preliminary Course investigates current developments in the biophysical environment including climatic patterns, action of the water cycle and changing coastal landforms. It includes an inquiry into the way biophysical processes can contribute to the sustainable management of the environment. Global studies involves an examination of the world's population and optional topics such as political conflicts, cultural integration and the use of natural resources. Emphasis is placed on fieldwork, geographical skills and contemporary geographical issues.</p> <p>The HSC Course enables students to understand and appreciate geographical perspectives about the contemporary world and includes investigations about ecosystem management, the growth of large cities and economic activities like tourism and farming. Where appropriate students examine case studies in these topics.</p>			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Biophysical Interactions – 45% of course time • Global Challenges – 45% of course time • The Senior Geography Project – 10% of course time 			
HSC Course			
<ul style="list-style-type: none"> • Ecosystems at Risk – 33% of course time • Urban Places – 33% of course time • People and Economic Activity – 33% of course time 			
Particular Course Requirements:			
<p>Students complete a senior geography project (SGP) in the Preliminary course and must undertake 12 hours of fieldwork in both the Preliminary and HSC courses. Fieldwork can involve overnight excursions (eg Snowy Mountains for Fragile Alpine Ecosystems and other studies). Students will be required to submit both oral and written geographic reports.</p>			
Assessment HSC course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination	100	Knowledge & understanding Tools & skills Inquiry & research Communication	40 20 20 20
	100		100
School Fees: Nil			

COURSE: GERMAN BEGINNERS			
2 units for each of Preliminary and HSC Board Developed Course			
Exclusions: Not studied for ROSA (must have done >200hrs)			
Course Description: In the Preliminary and HSC Course, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in German. Topics studied through two interdependent perspectives, the personal world and the German-speaking communities, provide contexts in which students develop their communication skills in German and their knowledge and understanding of language and culture.			
Objectives: The student will: <ul style="list-style-type: none"> • Exchange information, opinions and experiences in German • Express ideas through original spoken and written texts • Understand and respond to texts in German • Understand cultural aspects of the language, and the culture of German speaking communities 			
Summary of external and internal HSC assessment			
External Examination	Mark	Internal Assessment	Weighting
Written examination <i>Section 1 – Listening</i> Short-answer and objective response questions	30	Listening Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section II – Reading</i> Two questions containing short-answer and/or objective response parts	30	Reading Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section III – Writing in [Language]</i> Part A Two short-answer question Part B Candidates answer one extended response alternative	10 10	Writing Objective 1: Interacting Objective 3: Producing Texts	20
Oral examination	20	Speaking Objective 1: Interacting Objective 2: Producing Texts	20
	100		100
School Fees: Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			

COURSE: HISTORY EXTENSION (For Year 12 only)			
1 unit HSC Board Developed Course			
Course Description: HSC History Extension involves the study and evaluation of the ideas and processes used by historians to produce history. In Part 1 of the course, students investigate the question "What is history?" by examining historians and their work and through one case study. In Part II, students design, undertake and communicate their own personal historical inquiry.			
Main Topics Covered:			
Part I: What is History? (60% of course time)			
Key questions:			
<ul style="list-style-type: none"> • Who are the historians? • What are the aims and purposes of history? • How has history been constructed and recorded over time? • Why have the approaches to history changed over time? 			
Students will investigate one case study from a selection of ancient, medieval and early modern, modern and Australian options. Eg: The Presidency of JF Kennedy; Elizabeth I; The historicity of Jesus Christ			
Part II: History project (40% of course time)			
An original piece of historical investigation by the student which includes a Proposal, Essay, Bibliography and Process Log.			
Particular Course Requirements:			
A Preliminary course in Modern or Ancient History is a prerequisite for the HSC History Extension course.			
Students must be studying concurrently, or have completed the HSC course in Ancient History and/or Modern History.			
Assessment HSC course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A two hour written examination	50	Knowledge Skills – the History Project	10 40
	50		50
School Fees: Nil			

COURSE: INDUSTRIAL TECHNOLOGY-Timber (Products and Furniture Industries)

2 units for each of Preliminary and HSC Board Developed Course

EXCLUSIONS: Any other Industrial Technology focus area such as **INDUSTRIAL TECHNOLOGY – MULTIMEDIA etc...**

Course Description:

Through the processes of design, planning and production of practical projects, Industrial Technology offers students the opportunity to study technologies, materials and equipment as utilised in the timber and furniture industry. Central to this focus area, lies the development of skills, the acquisition of knowledge and an understanding of the role industry plays in today's society.

This subject is largely 'hands on' and provides the student with valuable pre-requisites and pathways to undertake further study at university or link with institutions delivering industry training. At the basic level it provides an excellent introduction into such areas as cabinetmaking, carpentry, furniture manufacturing and timber fabrication, and results in the construction of a quality piece of furniture as a major project.

Main Topics Covered:**Preliminary Course**

- Study of the organisation and management of an individual business within the timber industry
- Design, construction and development of a number of projects
- Acquiring a range of communication skills:
 - computer based technologies
 - graphical skills
 - written reports
 - folio work
- Acquisition of relevant practical skills
- Basic knowledge and understanding of a range of materials, processes, tools, equipment and machinery

HSC Course

- Study of the overall timber industry
- Design, construction and development of a major project our of timber and related materials
- Further development in communication skills culminating in a major project folio
- Refinement of relevant practical skills
- In depth knowledge and understanding of appropriate materials, processes, tools, equipment and machinery

NOTE: INDUSTRIAL TECHNOLOGY IS A CATEGORY "A" SUBJECT

Assessment HSC Course only:

External Examination	Mark	Internal Assessment	Weighting
Written examination	10	Knowledge and understanding of the organisation and management of, and manufacturing processes and techniques used by, the focus area	40
Section I – Industry Related Manufacturing Technology	15		60
Objective response questions Specific to each industry focus area	15		Knowledge, skills

<p>Section II – <i>Industry Related Manufacturing Technology</i> Short-answer questions specific to each industry focus area</p> <p>Section III – <i>Industry Study</i> Candidates answer one structured extended response question</p> <p>Major Project</p>	60	and understanding in designing, managing, problem-solving, communicating and the safe use of manufacturing processes and techniques through the design and production of a quality Major Project	
	100		100
<p>School Fees: Preliminary Course \$135 HSC Course \$75 (Plus individual cost of major project)</p>			

COURSE: INDUSTRIAL TECHNOLOGY - Multimedia			
2 units for each of Preliminary and HSC Board Developed Course			
EXCLUSIONS: Any other Industrial Technology focus area such as Timber etc...			
Course Description:			
This course:			
<ul style="list-style-type: none"> • Examines computer systems, software and techniques relevant to the field of multimedia • Is a practical subject with an emphasis on teaching content through practical work • Develops student knowledge of many free and industry grade software applications; Adobe Flash, Adobe Premiere for Video Production, Audacity etc. 			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Industry Study – Organisation, management, and safe and cooperative work practices • The design and planning of projects • Management and Communication skills, including written reports and folio work. • Multimedia design principles • Basic knowledge and understanding of a range of processes, tools and machines used in multimedia, including software tools 			
HSC Course			
<ul style="list-style-type: none"> • Structural, technical, environmental, personnel and safety issues in industry • Elements in multimedia – Text, Graphics, Audio, Video, Animation etc. • Design, management, communication, and production of a major multimedia project • Industry related technology – Software and tools used in multimedia 			
Particular Course Requirements:			
<ul style="list-style-type: none"> ◆ No prerequisites for this course ◆ Students need only to have an interest in Information Technology and/or Multimedia ◆ Students may study both this course and the 2 Unit Software Design and Development course, or 2 unit Information Processes and Technology course 			
Assessment HSC Course only:			
External Examination	Mark	Internal Assessment	Weighting
<i>Written examination Section I – Industry Related Manufacturing Technology Objective response questions specific to each industry focus area</i>	10	Knowledge and understanding of the organisation and management of, and manufacturing processes and techniques used by, the focus area	40

<i>Section II – Industry Related Manufacturing Technology Short-answer questions specific to each industry focus area</i>	15	Knowledge, skills and understanding in designing, managing, problem-solving, communicating and the safe use of manufacturing processes and techniques through the design and production of a quality Major Project	60
<i>Section III – Industry Study Candidates answer one structured extended response question</i>	15		100
Major Project	60		
	100		
School Fees: Preliminary Course \$30 HSC Course \$30			

NOTE: Industrial technology is a category "A" subject

COURSE: INFORMATION PROCESSES AND TECHNOLOGY			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description:			
This course:			
<ul style="list-style-type: none"> • Examines information systems, their use, creation and impact on individuals and society • Is a practical subject with an emphasis on teaching content through practical work • Develops student knowledge of many software applications; Adobe Flash, Dreamweaver, Databases, Video Production etc. 			
The course uses a variety of different software packages to explain the use of the 7 Information processes and what effects this has upon us and society			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Introductory Information Skills and Systems • Tools for Information Processes • Planning, Design and Implementation • Personal and Group Systems and Projects 			
HSC Course			
<ul style="list-style-type: none"> • Project Work • Information Systems and Database • Communications Systems • Option Strands 			
Particular Course Requirements:			
<ul style="list-style-type: none"> • No prerequisites for this course • Students need only to have an interest in Information Technology • Students may study both this course and the 2 Unit Software Design and Development course 			
Assessment HSC Course only:			
External Examination	Mark	Internal Assessment	Weighting
<i>Section 1 – Core</i> Objective response questions	20	Project Management	20
<i>Section II – Core</i> Short-answer questions	40	Information Systems and Databases	20
<i>Section III – Options</i> Candidates answer two questions on the options they have studied	40	Communication Systems	20
		Option Strands	40
	100		100
School Fees: Preliminary Course \$30 HSC Course \$30			

COURSE: INVESTIGATING SCIENCE

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The Investigating Science course is designed to assist students of all abilities engage with scientific processes, and apply those processes to investigate relevant personal, community and global scientific issues.

The ongoing study of Science, the specific Working Scientifically skills, and their application have led humans to accumulate an evidence-based body of knowledge about human interactions – past, present and future – with the world and its galactic neighbourhood. The course is focused on developing the Working Scientifically skills, as they provide a foundation for students to value investigation, solve problems, develop and communicate evidence-based arguments, and make informed decisions.

The course promotes active inquiry and explores key concepts, models and phenomena. It draws and builds on the knowledge, understanding, skills, values and attitudes gained in Science Stage 5. The Investigating Science course is designed to complement the study of the Science disciplines by providing additional opportunities for students to investigate and develop an understanding of scientific concepts, their current and future uses, and their impacts on science and society. The course draws on and promotes interdisciplinary science, by allowing students to investigate a wide range of STEM (Science, Technology, Engineering and Mathematics) related issues and concepts in depth.

Main Topics Covered:**Year 11 Course**

The Year 11 Course modules include:

- Module 1 – Cause and Effect Observing
- Module 2 – Cause and Effect – Inferences and Generalisations
- Module 3 – Scientific Models
- Module 4 – Theories and Laws

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Module 5 – Scientific Investigations
- Module 6 – Technologies
- Module 7 – Fact or Fallacy?
- Module 8 – Science and Society

Particular Course Requirements:

- 30 hours in Year 11 and 30 hours in Year 12 will be allocated to a depth study.
- Scientific investigations including both practical investigations and secondary-sources investigations are mandatory in Year 11 and Year 12. Students are required to keep records of all scientific investigations.
- All science courses have **presumed** knowledge requirements from Years 7 – 10.
- Students selecting Investigating Science will need to have achieved strong results in Year 10. Students also need to be proficient in Mathematics.

School Fees: Nil

COURSE: JAPANESE BEGINNERS			
2 units for each of Preliminary and HSC Board Developed Course			
Exclusions: Not studied for ROSA (must have done >200hrs)			
Course Description: The Preliminary and HSC Courses have as their organisational focuses themes and associated topics. The student's skills in, and knowledge of Japanese 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 Japanese-speaking communities through the study of a range of texts.			
Objectives: The student will: <ul style="list-style-type: none"> • Exchange information, opinions and experiences in Japanese • Express ideas through original spoken and written texts • Understand and respond to texts in Japanese • Understand cultural aspects of the language, and the culture of Japanese speaking communities 			
Summary of external and internal HSC assessment			
External Examination	Mark	Internal Assessment	Weighting
Written examination <i>Section 1 – Listening</i> Short-answer and objective response questions	30	Listening Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section II – Reading</i> Two questions containing short-answer and/or objective response parts	30	Reading Objective 1: Interacting Objective 2: Understanding Texts	30
<i>Section III – Writing in [Language]</i> Part A Two short-answer question Part B Candidates answer one extended response alternative	10 10	Writing Objective 1: Interacting Objective 3: Producing Texts	20
Oral examination	20	Speaking Objective 1: Interacting Objective 2: Producing Texts	20
	100		100
School Fees: Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			

COURSE: JAPANESE CONTINUERS			
2 units for each of Preliminary and HSC Board Developed Course			
Prerequisites: 200-300 hours study of the language or equivalent			
Exclusions: Japanese Beginners			
Course Description: The Preliminary and HSC Courses have as their organisational focuses themes and associated topics. The student's skills in, and knowledge of Japanese 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 Japanese-speaking communities through the study of a range of texts.			
Main Topics Covered:			
Themes:			
<ul style="list-style-type: none"> • The individual • The Japanese-speaking communities • The changing world 			
Students' language skills are developed through tasks such as:			
<ul style="list-style-type: none"> • Conversation • Responding to an aural stimulus • Responding to a variety of different written material • Writing for a variety of purposes • Studying Japanese culture through texts 			
Summary of external and internal HSC assessment			
External Examination	Mark	Internal Assessment	Weighting
Written examination <i>Section 1 – Listening and Responding</i> Short-answer and objective response questions	25	Listening and Responding Objective 3	25
<i>Section II – Reading and Responding</i> Part A Two questions containing short-answer and/or objective response parts Part B One extended response question	25 15	Reading and Responding Objectives 1, 2 and 3	40
<i>Section III – Writing in [Language]</i> One short-answer question Candidates answer one extended response alternative	5 10	Writing in [Language] Objective 2	15
Oral examination	20	Speaking Objectives 1 and 4	20
	100		100
School Fees: Compulsory purchase of student workbooks through the school is a prerequisite. Students will be advised of exact costs at the start of the course.			

COURSE: LEGAL STUDIES			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description:			
<p>The Preliminary course develops students' knowledge and understanding about the nature and social functions of law and law making, the development of Australian and international legal systems, and the specific nature of the Australian Constitution. The role of the individual is also studied together with the way in which the state imposes its authority on individuals.</p> <p>The HSC Course investigates Crime, as well as the effectiveness of the legal system through a variety of focus studies which consider how changes in society influence law reform.</p>			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • The Legal System – 40% • The Individual and the Law – 30% • The law in Practice – 30% • A visit to Local and District Courts will be an integral part of the Year 11 course of study and assessment. 			
HSC Course			
<ul style="list-style-type: none"> • Crime – 30% • Human Rights – 20% • Additional Focus Studies – 50% 			
Two focus studies chosen from consumers, families, global environments, Indigenous people, shelter, technological change, workplace, world order.			
Assessment HSC Course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination consisting of:		Knowledge and Understanding	60
Section I: Crime	25	Research	20
Section II: Human Rights	25	Communication	
Section III: Focus Studies	50		
	100		100
School Fees: Nil			

COURSE: MATHEMATICS STANDARD			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description:			
<p>The Mathematics Standard courses are focused on enabling students to use mathematics effectively, efficiently and critically to make informed decisions in their daily lives. They provide students with the opportunities to develop an understanding of, and competence in, further aspects of mathematics through a large variety of real-world applications for a range of concurrent HSC subjects.</p> <p>Students of the Mathematics Standard 1 and Mathematics Standard 2 courses study a common Year 11 course, Mathematics Standard Year 11.</p> <p>Mathematics Standard 1 is designed to help students improve their numeracy by building their confidence and success in making mathematics meaningful. When students become numerate they are able to manage a situation or solve a problem in real contexts, such as everyday life, work or further learning. This course offers students the opportunity to prepare for post-school options of employment or further training.</p> <p>Mathematics Standard 2 is designed for those students who want to extend their mathematical skills beyond Stage 5 but are not seeking the in-depth knowledge of higher mathematics that the study of calculus would provide. This course offers students the opportunity to prepare for a wide range of educational and employment aspirations, including continuing their studies at a tertiary level.</p>			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • Algebra • Measurement • Financial Mathematics • Statistical Analysis 			
HSC Course			
<ul style="list-style-type: none"> • Algebra • Measurement • Financial Mathematics • Statistical Analysis • Networks 			
<p>Note: Students studying Mathematics Standard 1 may elect to undertake an optional HSC examination. The examination mark may be used by the Universities Admissions Centre (UAC) to contribute to the student's Australian Tertiary Admission Rank (ATAR).</p> <p>All students studying Mathematics Standard 2 will sit for an HSC examination.</p>			
Assessment Schedule:			
Preliminary Course	Weighting	HSC Course	Weighting
Task 1: Assignment	30	Task 1: In-class test	20
Task 2: In-class test	30	Task 2: Assignment	30
Task 3: Yearly Exam	40	Task 3: Written task	20
		Task 4: Trial HSC Exam	30
	100		100
School Fees: Nil			

COURSE: MATHEMATICS 2 UNIT	
2 Units for each of Preliminary and HSC Board Developed Course	
Prerequisites: The course is constructed on the assumption that students have achieved the outcomes in the core of the Stage 4 Mathematics course, along with the recommended options.	
Exclusions: Standard Mathematics	
Course Description: The course is intended to give students who have demonstrated general competence in the skills of Stage 5 (Year 10) 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	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Coordinate methods in geometry • Applications of geometrical properties • Geometrical applications of differentiation • Integration • Logarithmic and exponential functions • Applications of calculus to the physical world • Probability • Series and Series applications • Trigonometric Functions 	
External Assessment	Internal Assessment
<p>A single written examination paper of 3 hours duration, consisting of two sections. Section I contains objective response questions totalling 10 marks and Section II contains 6 questions of equal marks. The paper has a total mark value of 100.</p> <p>No more than the equivalent of two questions will be based on the Preliminary course. Questions from the Preliminary course will be short and represent a minor part of a total question. Marks can be awarded for demonstration of knowledge and skills from the Preliminary course (or earlier) when required for questions on the HSC course. That is questions based on the Preliminary course can be asked</p>	<p>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 knowledge, understanding and skills developed in each Content Area listed in the syllabus. Component B (50%) is primarily concerned with the student's reasoning, interpretative, explanatory and communicative abilities. 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>

when they lead in to questions based on topics from the HSC course. Marks from these lead-in questions will not be counted in the two-question allowance from the Preliminary course.

Board approved calculators, geometrical instruments and approved geometrical templates may be used.

Once the assessment of the HSC course has commenced, some Preliminary course work can be included in assessment tasks for Mathematics. No more than 20% of the assessment is to be based on the Preliminary course.

School Fees: Nil

COURSE: MATHEMATICS EXTENSION 1	
1 Unit in each Preliminary and HSC Board Developed Course	
Prerequisites: The course is constructed on the assumption that students have achieved the outcomes in Stage 5 Mathematics course, along with the recommended options.	
Exclusions: Standard Mathematics	
Course Description: The content of this course and its depth of treatment indicate that it is intended for students who have demonstrated a mastery of the skills of Stage 5 Mathematics and who 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 Extension 2 course (offered in Year 12).	
Main Topics Covered:	
Preliminary Course	
<ul style="list-style-type: none"> • Other inequalities • Further 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 Mathematics course 	
HSC Course	
<ul style="list-style-type: none"> • Methods of integration • Primitive of \sin^2x and \cos^2x • Equation $\frac{dN}{dt} = k(N - P)$ • Velocity and acceleration as a function of x • Projectile motion • Simple harmonic motion • Inverse functions and inverse trigonometric functions • Induction • Binomial theorem • Further probability • Iterative methods for numerical estimation of the roots of a polynomial equation • Harder applications of HSC Mathematics topics 	
External Assessment	Internal Assessment
Two written examination papers. One paper is identical to the paper of three hours duration for the Mathematics course. The other paper is based on the Mathematics Extension 1 course and consists of two Sections. Section I contains objective response questions totalling 10 marks and Section II contains four questions of equal marks. The total	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 knowledge, understanding and skills developed in each Content Area listed in the syllabus. Component B (50%) is primarily concerned with the student's reasoning,

<p>mark for the paper is 70.</p> <p>No more than the equivalent of two questions will be based on the Preliminary course. Questions from the Preliminary course will be short and represent a minor part of a total question. Marks can be awarded for demonstration of knowledge and skills from the Preliminary course (or earlier) when required for questions on the HSC course. That is, questions based on the Preliminary course can be asked when they lead in to questions based on topics from the HSC course. Marks from these lead in questions will not be counted in the two question allowance from the Preliminary course.</p> <p>Board approved calculators, geometrical instruments and approved geometrical templates may be used.</p>	<p>interpretative, explanatory and communicative abilities. 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> <p>School assessment for the Mathematics Extension 1 course can be based on the whole of the course (Preliminary and HSC courses). Assessment for this course should not begin until the school program of HSC assessments for other subjects begins (this is usually no earlier than Term 4 of Year 11).</p>
<p>School Fees: Nil</p>	

COURSE: MATHEMATICS EXTENSION 2 (For Year 12 only)	
1 unit additional to the Mathematics Extension 1 Course for the HSC Board Developed Course. It is studied in the HSC year only. Mathematics Extension 1 and Mathematics courses will be assumed knowledge for this examination. The course is designed for students with a special interest in Mathematics who have shown that they possess special aptitude for the subject.	
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: The course content includes the entire 2 Unit Mathematics Course, the entire Extension 1 Mathematics Course and, in addition, contains: <ul style="list-style-type: none"> • Graphs • Complex numbers • Conics • Integration • Volumes • Mechanics • Polynomials • Harder Mathematics Extension 1 Topics 	
Assessment HSC Course only:	
External Assessment	Internal Assessment
Two written examination papers. One paper is identical to the paper of 2 hours duration for the Extension 1 Mathematics course. The other paper is based on the Extension 2 course and is of 3 hours duration. The paper consists of two sections. Section I contains objective response questions totalling 10 marks and Section II contains six questions of equal value. The total mark for the paper is 100. Board approved calculators, geometrical instruments and approved geometrical templates may be used.	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 knowledge, understanding and skills developed in each Content Area listed in the syllabus. Component B (50%) is primarily concerned with the student's reasoning, interpretative, explanatory and communicative abilities. 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.
School Fees: Nil	

COURSE: MODERN HISTORY
2 units for each of Preliminary and HSC Board Developed Course
<p>Course Description:</p> <p>The Year 11 course is structured to provide students with opportunities to develop and apply their understanding of methods and issues involved in the investigation of modern history. Students investigate various aspects of the modern world, including people, ideas, movements, events and developments.</p> <p>The Year 12 course is structured to provide students with opportunities to apply their understanding of sources and relevant historiographical issues in the investigation of the modern world.</p>
<p>Main Topics Covered:</p> <p>Preliminary Course</p> <ul style="list-style-type: none"> • Part I: Investigating Modern History - Includes an introduction to the nature of Modern History with an investigation into two case studies. • Part II: Historical Investigation - Students are given the opportunity to develop relevant investigative, research and presentation skills on an area of their own interest. • Part III: The Shaping of the Modern World - Students will investigate the impact of the First World War on history in the twentieth <p>HSC Course</p> <ul style="list-style-type: none"> • Part I: Core Study: Power and Authority in the Modern World 1919-1946 Students investigate the rise of fascist, totalitarian and militarist movements after World War I; what drew people to these movements; the regimes that emerged and ongoing international efforts to achieve collective security. • Part II: National Studies Students investigate key features, individuals, groups, events and developments that shaped the history of a selected nation. • Part III: Peace and Conflict Students investigate key features of the history of one study in peace and conflict. • Part IV: Change in the Modern World Students investigate key features of the history of one case study, focusing on political and social change, and the role of individuals and groups
<p>Particular Course Requirements:</p> <p>The Preliminary course is a prerequisite for the HSC course.</p>
<p>Assessment for the Preliminary and HSC course:</p> <p>Assessment schedules will be finalised upon the release of Exam specifications from NESA.</p>
<p>School Fees: Nil</p>

COURSE: MUSIC 1			
2 units for each of Preliminary and HSC Board Developed Course (120 indicative hours of study) Prerequisites: Mandatory music course (or equivalent) Exclusions: Music 2			
Course Description: Skills in performance (individual or group), musicology (researching musical styles), composition (writing music) and Aural (listening skills, will all be developed throughout the two years in an interesting and varied course. The emphasis is on practical studies, progressing at the students own pace with many opportunities to perform in and out of school. This course is designed for students who either have limited prior experience with music and or have an interest to specialise in the contemporary and popular field of music.			
Main Topics Covered: Students will be expected to perform regularly, both in and out of class and have a broad knowledge of 3 specialised areas/topics in music (chosen from a list of 21), both in terms of Performance, Musicology, Composition and Aural. These topics may include Music of Film and Television, 20 th Century Stage, Australian Music and Rock Music. HSC Course only: Students may study 3 Topics from the list that are different to those studied in the Preliminary Course OR 2 topics that are different and ONE topic that shows greater depth of understanding, explores new repertoire and includes a comparative study.			
Assessment HSC Course only:			
External Examination	Mark	Internal Assessment	Weighting
Written examination – Aural Skills	30	Performance Core	10
Four short-answer questions	20*	Composition Core	10
Practical examination – Core Performance		Musicology Core	10
Electives	60*	Aural Core	25
		Elective 1	15
		Elective 2	15
		Elective 3	15
	100		100
School Fees: Preliminary Course \$22 HSC Course \$22			

* The marks for Core Performance and the Electives will be converted to a mark out of 70, giving a total mark out of 100 for the examination

COURSE: MUSIC 2			
2 units for each of Preliminary and HSC Board Developed Course Prerequisites: Music Additional Study course (or equivalent) Exclusions: Music 1			
Course Description: In the Preliminary and HSC courses, students will study: The concepts of music through the learning experiences of performance, composition, musicology and aural within the context of a range of styles, periods and genres.			
Main Topics Covered: Students study one Mandatory Topic covering a range of content and one Additional Topic in each year of the course. In the Preliminary course, the Mandatory Topic is Music 1600-1900. In the HSC course, the Mandatory Topic is Music of the last 25 years (Australian focus).			
Particular Course Requirements: In addition to core studies in performance, composition, musicology and aural, students nominate one elective study in Performance, Composition or Musicology. Students selecting Composition or Musicology 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 NESA to validate authorship of the submitted work. All students will be required to develop a composition portfolio for the core composition.			
Assessment HSC Course only:			
External Assessment	Weighting	Internal Assessment	Weighting
Core Performance (1 piece) reflecting the mandatory topic)	15	Performance	20
Sight singing	5	Composition	20
Core composition (reflecting mandatory topic)	15	Musicology	20
A one and a half hour written examination paper	35	Aural	20
- Musicology/aural skills	30	One elective from	20
One Elective representing the Additional Topic		Performance or composition or Musicology	
Performance (2 pieces) or			
One submitted composition or			
One submitted essay			
	100		100
School Fees: Preliminary Course \$22 HSC Course \$22			

COURSE: PERSONAL DEVELOPMENT HEALTH AND PHYSICAL EDUCATION			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description: The Preliminary Course examines a range of areas that underpin health and physical activity. This includes how people think about health and physical activity, the management of personal health and the basis for how the body moves. Students have the opportunity to select from a range of practical options in areas such as first aid, outdoor recreation, composing and performing and fitness choices. In the HSC Course students focus on major issues related to Australia's health status. They also look at factors that affect physical performance. They undertake optional study from a range of choices. This includes investigating the health of young people or of groups experiencing health inequities. In other options students focus on improved performance and safe participation by learning about advanced approaches to training or sports medicine concepts. There is also an opportunity to think critically about the factors that impact on sport and physical activity in Australian society.			
Main Topics Covered:			
Preliminary Course			
Core Topics (60%)			
<ul style="list-style-type: none"> • Better Health for Individuals • The Body in Motion 			
Optional Components (40%)			
Students to select two options each from			
<ul style="list-style-type: none"> • First Aid • Composition and Performance • Fitness Choices • Outdoor Recreation 			
HSC Course			
Core Topics (60%)			
<ul style="list-style-type: none"> • Health Priorities in Australia • Factors Affecting Performance 			
Optional Component (40%)			
Students to select two options each from			
<ul style="list-style-type: none"> • 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	Weighting	Internal Assessment	Weighting
A 3 hour written paper		Core	60
		Options	40
	100		100
School Fees: Nil			

COURSE: PHYSICS

2 units for each of Year 11 and Year 12 Board Developed Course

Course Description:

The Physics course involves the study of matter and its motion through space and time, along with related concepts that include energy and force. It deals with the study of phenomena on scales of space and time – from nuclear particles and their interactions up to the size and age of the Universe. This allows students to better understand the physical world and how it works, appreciate the uniqueness of the Universe, and participate in navigating and influencing the future.

The problem-solving nature of physics further develops students' Working Scientifically skills by focusing on the exploration of models and the analysis of theories and laws, which promotes an understanding of the connectedness of seemingly dissimilar phenomena. Students who study physics are encouraged to use observations to develop quantitative models of real world problems and derive relationships between variables. They are required to engage in solving equations based on these models, make predictions, and analyse the interconnectedness of physical entities.

The Physics course builds on students' knowledge and skills developed in the Science Stage 5 course and help them develop a greater understanding of Physics as a foundation for undertaking post-school studies in a wide range of Science, Technology, Engineering and Mathematics (STEM) fields. A knowledge and understanding of Physics often provides the unifying link between interdisciplinary studies.

Main Topics Covered:**Year 11 Course**

The Year 11 Course modules include:

- Module 1 – Kinematics
- Module 2 – Dynamics
- Module 3 – Waves and Thermodynamics
- Module 4 – Electricity and Magnetism

Year 12 Course

The Year 12 course builds upon the knowledge from the Year 11 Course.

The Year 12 Course modules include:

- Module 5 – Advanced Mechanics
- Module 6 – Electromagnetism
- Module 7 – The Nature of Light
- Module 8 – From the Universe to the Atom

Particular Course Requirements:

- 15 hours in Year 11 and 15 hours in Year 12 will be allocated to a depth study.
- Scientific investigations including both practical investigations and secondary-sources investigations are mandatory in Year 11 and Year 12. Students are required to keep records of all scientific investigations.
- All science courses have **presumed** knowledge requirements from Years 7 – 10.
- Students selecting Physics will need to have achieved strong results in Year 10. Students also need to be proficient in Mathematics.

School Fees: Nil

COURSE: SOCIETY AND CULTURE			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description:			
<p>The Preliminary course is designed to provide students with the skills needed to study human behaviour and development and the interactions between people from different cultural and social backgrounds. To do this, students will learn about other cultures and how they have changed over time.</p> <p>Students are able to learn more about themselves as they examine the topics of adolescence, coming of age and personal identity in a variety of cultures and periods of time. Cross cultural comparison is a main focus of study in Society and Culture.</p>			
The HSC Course:			
The Core: Social and Cultural Continuity and Change.			
This topic aims to examine the culture and experiences of a selected country while developing understanding of the fundamental course concepts of society, culture, persons, environment and time. The continuity and change of the selected country is a major focus.			
Personal Interest Project:			
A research based task worth 40% of the external assessment, which allows a student to develop the skills of social research while learning more about themselves and others. The basis of the research is any topic of specific interest to the student that can be related to the course concepts.			
Depth Studies:			
Two depth studies will be chosen which will allow students to develop a deeper understanding of selected course concepts. Each depth study uses a case study approach to provide examples to support research.			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • The Social and Cultural World - 20% • Personal and Social Identity - 40% • Intercultural Communication - 40% 			
HSC Course			
<ul style="list-style-type: none"> • Social and Cultural Continuity and Change - 30% • The Personal Interest Project - 30% 			
Depth Studies - 40%			
Two to be chosen from:			
<ul style="list-style-type: none"> • Popular Culture • Belief Systems and ideologies • Social Inclusion and Exclusion • Social Conformity and Nonconformity 			
Assessment HSC Course only:			
External Assessment	Weighting	Internal Assessment	Weighting
A two hour written examination	60	Knowledge and understanding	50
Personal Interest project	40	Research methodologies Communication	30 20
	100		100
School Fees: Nil			

COURSE: SOFTWARE DESIGN AND DEVELOPMENT			
2 units for each of Preliminary and HSC Board Developed Course			
Course Description: This course: <ul style="list-style-type: none"> • Develops student's problem solving abilities to development software solutions for these solutions. • Focuses on the student's development of these skills and knowledge and to put them into practice with the creation of software that has been designed and developed for a specific need • Is a practical subject with a large amount of time spent working on programming projects and exercises 			
Main Topics Covered:			
Preliminary Course <ul style="list-style-type: none"> • Concepts and Issues in the Design • Introduction to Software Development • Developing Software Solutions 			
HSC Course <ul style="list-style-type: none"> • Development and Impact of Software Solutions • Software Development Cycle • Developing a Solution Package • Options 			
Particular Course Requirements: <ul style="list-style-type: none"> • No prerequisites for this course • Students need only an interest in designing software solutions, including scripting for web applications and implementing these solutions • Students may study both this course and the 2 Unit Information Processes and Technology course 			
Assessment HSC Course only:			
External Examination	Mark	Internal Assessment	Weighting
<i>Section 1 – Core</i> Objective response questions	20	Knowledge and understanding about development and impact of software solutions and the software development cycle	20
<i>Section II – Core</i> Short-answer questions	60	Design and development of software solutions	35
<i>Section III – Options</i> Candidates answer the question on the option they have studied	20	Project management techniques including documentation, teamwork communication	20
		Project(s)	25
	100		100
School Fees: Preliminary Course \$35 HSC Course \$35			

COURSE: TEXTILES AND DESIGN	
2 units for each of Preliminary and HSC Board Developed Course	
Course Description	
<p>The Preliminary course involves the study of design, communication techniques, manufacturing methods, fibres, yarns, fabrics and the Australian Textile Clothing, Footwear and Allied Industries.</p> <p>Practical experiences, experimenting and product manufacturing are integrated throughout the content areas and includes the completion of two preliminary textile projects. These projects develop each student's creative abilities and skills in designing, manipulating, experimenting and selecting appropriate fabrics for an end use.</p> <p>The HSC course builds upon the Preliminary course and involves the study of fabric colouration and decoration, historical design development, cultural factors that influence design and designers, contemporary designers, end-use applications of textiles, innovations and emerging textile technologies, appropriate textile technology and environmental sustainability, current issues and the marketplace.</p> <p>This course involves the development of a Major Textiles Project, worth 50% of the HSC mark. The project is selected from one of the five focus areas and enables students to explore an area of interest. The project has two components: the supporting documentation and textile item/s.</p>	
Main Topics Covered	
Preliminary Course	
<ul style="list-style-type: none"> • Design (40%) • Properties and Performance of Textiles (50%) • The Australian Textiles, Clothing, Footwear and Allied Industries (10%) 	
Particular Preliminary Course Requirements	
<p>In the Preliminary course students will undertake two preliminary textile projects. Preliminary Project 1 is drawn from the area of study Design and focuses on the generation and communication of ideas, design modification, manipulative skills, evaluation of ideas and of the project, and management of time and resources. Preliminary Project 2 is drawn from the area of study of Properties and Performance of Textiles and focuses on an analysis of fabric, yarn and fibre properties, experimental procedures, product design, fabric choice, manipulative and management skills, communication methods and the recording of information.</p>	
Assessment HSC Course only:	
Internal Assessment	Weighting
Knowledge and understanding of textiles and the textile industry	50
Skills in design, manipulation, experimentation, analysis, manufacture and selection of textiles for specific end purposes using appropriate technologies	50
	100
School Fees: Preliminary Course \$40 HSC Course \$30	

COURSE: VISUAL ARTS			
2 units for each of Preliminary and HSC Board Developed Course			
Exclusions between Content Endorsed Courses and the Board Developed Visual Arts course:			
Ceramics – Visual Arts HSC Ceramics Body of Work			
Furnishing – the Furnishing Integrated project(s) cannot be used as a Body of Work			
Photography – Visual Arts HSC Photograph Body of Work			
Visual Design – Products developed cannot be used as a Body of Work in Visual Arts			
Course Description:			
Visual Arts involves students in the practices of art making, 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 (Years 9 and 10) it also caters for students with more limited experience in Visual Arts.			
Main Topics Covered:			
Preliminary Course			
<ul style="list-style-type: none"> • The nature of practice in art making, 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			
<ul style="list-style-type: none"> • 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 art making, 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			
<ul style="list-style-type: none"> • Artwork in at least 2 forms and use of a process diary • A broad investigation of ideas in art criticism and art history 			
HSC Course			
<ul style="list-style-type: none"> • A 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
School Fees: Preliminary Course \$120 HSC Course \$120			

Content Endorsed Courses

1 unit courses



COURSE: CERAMICS

Content Endorsed Course – 1 Unit

Exclusions: Visual Arts – Ceramics HSC submitted work

Course Description:

Ceramics is the art and technology of forming, firing and glazing clay to make a wide variety of products, ranging from building materials to ceramic ware such as plates, bowls and drinking vessels, jewellery, sculpture and decorative wall surfaces.

Contemporary applications of ceramics are constantly expanding. New industrial and high technology uses are being found and artists and designers are exploring new expressive forms. Ceramics provides challenging work opportunities for students in such areas as studio and industrial ceramics, ceramic research, engineering and product design.

This course in Ceramics enables students to develop:

- An understanding of ceramic processes and practices and the ways in which these can be used in making a range of products;
- A critical appreciation of the aesthetic, expressive and utilitarian qualities of ceramic forms in contemporary and past societies;
- A knowledge of the diverse applications of ceramics in contemporary society and ways of valuing the skills involved in making well-crafted forms;
- The skills required to give form to their ideas and feelings in ceramic products.

School Fees: Preliminary Course \$70 HSC Course \$70

COURSE: EXPLORING EARLY CHILDHOOD

Content Endorsed Course – 1 Unit

Course Description:

Our society is increasingly recognising children's experiences in the early childhood years as the foundation for future growth, development and learning.

This course explores issues within an early childhood context and considers these in relation to the students themselves, their family and the community.

The study of this course will enable students:

- Develop an awareness and understanding of the growth, development and learning of young children and the importance of the early childhood years
- Recognise the uniqueness of all children, including those who have special needs
- Become aware of the value of play in the lives of children, and consider means of providing safe and challenging environments for play
- Identify the range of services developed and provided for young children and their families
- Consider the role of family and community in the growth, development and learning of young children
- Reflect upon potential implications for themselves as adults, in relation to young children
- Understand and appreciate the diversity of cultures within Australia and the ways in which this influences children and families

The course has three main parts:

- **Theory Component:** Based on the growth and development of children aged 0 – 5 years.
- **Journal:** Students must keep a detailed journal of a child aged between 0 – 5 for the two years of the course.
- **Playgroup:** Students will work in groups to organise and run activities for the community based playgroup which runs in the school, one day per week. This is an invaluable chance for students to develop and refine their child care and organisational skills.

There should be a balance between the assessment of:

- knowledge and understanding outcomes and course content and
- skills outcomes and content as follows

Component	Weighting
Knowledge and understanding	50
Skills	50

School Fees: Preliminary Course \$20 HSC Course \$15

COURSE: PHOTOGRAPHY, VIDEO AND DIGITAL IMAGING
Content Endorsed Course – 1 Unit Exclusions: Visual Arts – Photography HSC submitted work
<p>Course Description: Photography and its products are an integral part of our lives. We view significant events in snapshots and on the television news; we study pictures that figure prominently in newspapers and holiday brochures; we see satellite photographs of cloud cover on television weather reports; we know the surface of Mars and the moons of Jupiter from computer enhanced images transmitted across space; we take x-ray photographs of our interiors to a doctor for interpretation; we use photocopiers and fax machines as standard office equipment.</p> <p>This course in Photography will allow student to:</p> <ul style="list-style-type: none"> • Increase visual awareness of their environment and the way photographic representations can be created from this to communicate ideas and feelings • Develop an understanding of the methods photographers use to build meanings • Develop skills through the acquisition of the techniques of photography • Experiment with creative techniques e.g. Sepia, Colourvir, hand colouring etc. • Use photograph as a means of visual communications and a process to aid observation and analysis • Develop digital skills, montage, animation and video production • Gain an understanding of careers involving photography
<p>Assessment: Is continuous throughout the course you will be given set tasks to complete which will form the Half-Yearly and Yearly assessments. These tasks will consist of:</p> <ul style="list-style-type: none"> • Practical exercises • Excursion Photographs • Studio Skills/practises • Theory worksheets • Assignments • Exams/Tests
School Fees: Preliminary Course \$110 HSC Course \$110

COURSE: SPORT, LIFESTYLE AND RECREATION STUDIES

Content Endorsed Course – 1 Unit

Exclusions: Students studying Board Developed PD/H/PE must not study CEC modules which duplicate PD/H/PE modules.

Course Description:

Students will learn about the importance of a healthy lifestyle and recognise the need to be active, responsible and informed decision makers.

This course encourages students to continue to develop their knowledge, skills and understanding of the role of sport, a healthy lifestyle and recreation in everyday life.

The course aims to:

- Develop in students an awareness of social and community values in the areas of sport, lifestyle and recreation
- Promote an understanding of the requirements for healthy living
- Develop a deeper understanding of the interaction between society, sport, recreation and fitness
- Identify how sport influences and affects various groups and sections of our society
- Provide students with a greater understanding of their physical and sporting potential

School Fees: Nil

COURSE: VISUAL DESIGN

Content Endorsed Course – 1 Unit

Exclusions: Products developed cannot be used as a major design project in Design and Technology or a body of work in Visual Arts

Course Description:

Designed images and objects can communicate ideas about ourselves and our world. They use visual conventions to define and build social identity. They have utilitarian functions and may have aesthetic and spiritual dimensions.

This Visual Design course encourages students to explore the practices of graphic, wearable, product and inter/exterior designers in contemporary society and promotes imaginative and innovative approaches to design within the context of the Australian environment and culture.

This course enables students to:

- Understand the nature of visual design and the ways in which designed images are created, categorised, interpreted, valued and used in our society
- Develop understanding and skills required to design and make works which fulfil a range of functions and express and communicate their own ideas and feelings:
- These skills may include:
 - Drawing, painting, computer generated, ceramics, mixed media
 - Understand and value the contribution which designers make to our society
 - Know the practices used by designers and the career options available in these fields.

Visual Design students are involved in planning, application and distribution of ideas and promotion.

School projects may include:

- Event advertising
- Promotion development
- Poster artwork
- Set or stage design
- Signage
- Animation, comic

Many of the projects are used and therefore students can see the full development and application of their work.

School Fees: Preliminary Course \$90 HSC Course \$90

**Board
Developed
VET
Courses**



Model Farms has trained teachers in the following courses:

- Hospitality - Food and Beverage(240 hours)
- Construction Pathways (240 hours)
- Information & Digital Technology (240 hours)
- Business Services (240 hours)
- Metal and Engineering (240 hours)
- Primary Industries - Agriculture (240 hours) (awaiting confirmation of teacher acceptance into training course)

The following TAFES may offer these courses

Course Name	TAFE College
Accounting 2 Unit or (4 Unit x 1 Year)	Blacktown/Granville/Baulkham Hills
Business Services Framework	Blacktown/Baulkham Hills/Nirimba
Construction Framework	Nirimba
Entertainment Framework	Nirimba
Hospitality (Food & Beverage Service and Kitchen Operations) Framework	Baulkham Hills
Information and Digital Technology Framework	Blacktown
Primary Industries Agriculture Framework	Richmond
Retail Framework	Blacktown
Tourism (Sales/Office Operations) Framework	Baulkham Hills/Blacktown/Nirimba

- Only Board Developed Courses count towards an ATAR.
- Successful completion of any of these courses may lead to advanced standing in the related TAFE Course as well as TAFE accreditation.
- To apply you must obtain an application form from the Careers Adviser. You must return the application to the Careers Adviser.



QUALIFICATION: Certificate II Business (BSB20115)

- Board Developed Course – **NESA Course No: 26101**
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses - nil
- A total of 4 units of credit – Preliminary and/or HSC
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables/ Coarse Fees \$50

Course Description:

This course provides students with the opportunity to obtain national vocational qualifications for employment in the business services industry. Students will be able to gain skills in office administration, business communication, safe and environmentally sustainable work practices and the use of technology in an office environment. Skills gained in this industry transfer to other industries. Occupations in the business services industry include sales clerk/officer, secretary/personal assistant, receptionist, and payroll clerk/officer and office manager/owner of a small business.

HSC Course Structure:

This course consists of one core unit and fourteen elective units

UNITS OF COMPETENCY

Core – Attempt all units

Unit code	Unit title	HSC indicative hours of credit
BSBWHS201	Contribute to health and safety of self and others (Examinable)	15
Stream focus area - Mandatory (Examinable)		
<u>BSBINN201</u>	Contribute to workplace innovation	15
<u>BSBCUS201</u>	Deliver a service to customers	15
<u>BSBIND201</u>	Work effectively in a business environment	25
<u>BSBINM201</u>	Process and maintain workplace information	15
<u>BSBSUS201</u>	Participate in environmentally sustainable work practices	15
<u>TLIP2029</u>	Prepare and process financial documents	20
Electives - Attempt ALL units		
<u>BSBWOR204</u>	Use business technology	15
<u>BSBWOR203</u>	Work effectively with others	15
<u>BSBCMM201</u>	Communicate in the workplace	15
<u>BSBWOR202</u>	Organise and complete daily work activities	15
<u>BSBITU201</u>	Produce simple word processed documents	20
<u>BSBITU202</u>	Create and use spreadsheets	20
<u>BSBITU307</u>	Develop keyboarding speed and accuracy	25

ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:

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

Work placement:

Students **must** complete a minimum of 70 hours work placement in a Business Services related industry workplace (35 hours in each of Years 11 and 12).

Optional HSC examination:

Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the Mandatory Focus areas and associated Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.

N Determinations:

Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals:

Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.

Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.



QUALIFICATION: Certificate II in Construction Pathways (CPC20211)

- Board Developed Course – NESA Course No: 26201
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses – nil

- A total of 4 units of credit – 2 units x 2 years (Preliminary and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables \$130, plus the cost of a whitecard.

Course Description:

This course provides students with the opportunity to obtain national vocational qualifications for employment in the construction industry. Students will be able to gain skills in planning and organising work, measuring and calculating, reading and interpreting plans, safe and environmentally sustainable work practices and the use of construction tools and equipment. Skills gained in this industry transfer to other industries. Occupations in the construction industry include: construction or trades assistant, builder's labourer, concreter and painter and decorator. As part of the course, all students must have a WorkCover 'white card' before they can enter a worksite.

HSC Course Structure:

This course consists of six core units of competency and nine elective units.

UNITS OF COMPETENCY – Compulsory – Attempt ALL units

Core - Attempt all units

Unit code	Unit title	HSC indicative hours of credit
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	15
CPCCCM1012A	Work effectively and sustainably in the construction industry	25
CPCCCM1013A	Plan and organise work	10
CPCCCM1014A	Conduct workplace communication	10
CPCCCM1015A	Carry out measurements and calculations	20
CPCCCM2001A	Read and interpret plans and specifications	20

Electives - Attempt ALL units

CPCCCA2002B	Use carpentry tools and equipment	Group B elective	10
CPCCCA2011A	Handle carpentry materials	Group B elective	20
CPCCCM2006B	Apply basic levelling procedures	Group H elective	15
CPCCCO2013A	Carry out concreting to simple forms	Group H elective	20
CPCCJN2001A	Assemble components	Group F elective	15
CPCCJN2002B	Prepare for offsite manufacturing processes	Group F elective	10
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on the ground	Group B elective	25

Additional examinable units delivered to meet NESA requirements

CPCCCM2005B	Use construction tools and equipment	20
CPCCWHS1001	Prepare to work safely in the construction industry	10

ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:

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

Work placement:

Students **must** complete a minimum of 70 hours work placement in a Construction related industry workplace (35 hours in each of Years 11 and 12).

Optional HSC examination: Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the compulsory Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.

N Determinations: Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals: Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.

Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.



QUALIFICATION: : Certificate II in Hospitality (SIT20316)

- Board Developed Course – NESA Course No: 26511
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses - nil
- A total of 4 units of credit – 2 units x 2 years (Preliminary and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables

Course Description:

This course provides students with the opportunity to obtain national vocational qualifications for employment in the hospitality industry. Students will be able to develop generic hospitality skills in customer service, communication, environmentally sustainable work practices, hygiene and safety as well as basic skills in food service. Occupations in the hospitality industry including café attendant, food and beverage attendant, front office assistant.

Course HSC Structure:

To meet HSC course requirements, students completing the Hospitality (240 indicative hours) course with a food and beverage focus must undertake **four mandatory and four Food and Beverage stream associated units of competency** (four core, one Group A elective and three Group B electives for Certificate II in Hospitality) plus a minimum of 95 HSC indicative hours of HSC elective units of competency.

UNITS OF COMPETENCY

Core - Attempt ALL units

Unit code	Unit title	HSC indicative hours of credit
SITXWHS001	Participate in safe work practices (Mandatory)	15
BSBWOR203	Work effectively with others (Mandatory)	15
SITHIND002	Source and use information on the hospitality industry(Mandatory)	20
SITXCCS003	Interact with customers (F&B Stream)	15
SITHIND003	Use hospitality skills effectively (Elective)	20
SITXCOM002	Show social and cultural sensitivity (Elective)	10

Electives

SITXFSA001	Use hygienic practices for food safety (Mandatory)	10
SITHFAB005	Prepare and serve espresso coffee (F&B Stream)	15
SITHFAB007	Serve food and beverage (F&B Stream)	40
SITXFSA002	Participate in safe food handling practices (Elective)	15
SITHFAB004	Prepare and serve non-alcoholic beverages (F&B Stream)	15
SITHCCC003	Prepare and present sandwiches (Elective)	10

Additional Units of competency delivered to meet BOSTES requirements

SITHCCC001	Use food preparation equipment (Elective)	20
SITXCOM001	Source and present information (Elective)	10
BSBSUS201	Participate in environmentally sustainable work practices(Elective)	15

ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:

Students in this course, work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in units of competency through holistic assessment.

Work placement: Students must complete a minimum of 70 hours work placement in a Hospitality related industry workplace (35 hours in each of Years 11 and 12). For the 240-hour course only, it is permissible for up to 50% of work placement to include school and community functions where students cater for and/or service customers.

N Determinations:

Where a student has not met NESA course completion criteria they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals: Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.

Recognition of Prior Learning:

Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.

School Fees: Preliminary Course \$120 HSC Course \$120

Requirements: black pants/trousers & black polo shirt



QUALIFICATION: SOA towards Certificate III in Information, Digital Media and Technology (ICT30115)			
<ul style="list-style-type: none"> Board Developed Course – NESA Course No: 27301 Minimum mandatory work placement – 70 hours Exclusions with other Board Developed Courses - nil 		<ul style="list-style-type: none"> A total of 4 units of credit – 2 units x 2 years (Preliminary and HSC) Category B status for the Australian Tertiary Admission Rank (ATAR) Consumables 	
<p>Course Description This course provides students with the opportunity to obtain a national vocational qualification in the information and communications technology industry. Students will be able to develop knowledge and skills to enable them to be an effective ICT user and/or employer. Skills acquired in this course are transferable to other industries. Specialised occupations in ICT include technical support officer, desktop publisher, computer programmer, software designer/developer, website developer and systems analyst.</p> <p>HSC Course Structure: This course consists of five core units of competency and six elective units to achieve the Statement of Attainment.</p>			
UNITS OF COMPETENCY			
Core - Attempt ALL units			
Unit code	Unit title		HSC indicative hours of credit
BSBWHS304	Participate effectively in WHS communication and consultation processes	(HSC Mandatory)	20
ICTICT202	Work and communicate effectively in an ICT environment	(HSC Mandatory)	25
ICTICT302	Install and optimise operating system software	(HSC Mandatory)	20
ICTSAS301	Run standard diagnostic tests	(HSC Mandatory)	10
BSBSUS401	Implement and monitor environmentally sustainable work practices	(Elective)	25
Electives – Attempt ALL units			
ICTICT203	Operate application software packages	(Web/ Software Applications Stream- Group A)	20
ICTICT308	Use advanced features of computer applications	(Web/Software Applications Stream -Group A)	30
ICTWEB302	Build simple websites using commercial programs	(Web/Software Applications Stream - Group D)	30
ICTWEB201	Use social media tools for collaboration and engagement	Elective Group D	20
ICTWEB301	Create a simple mark-up language document	Elective Group D	25
ICTWEB303	Produce digital images for the web	Elective Group D	20
ASSESSMENT AND COURSE COMPLETION			
<p>Competency-based Assessment: Students in this course work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency.</p> <p>Work placement: Students must complete a minimum of 70 hours work placement in an Information and Digital Technology related industry workplace (35 hours in each of Years 11 and 12). It is permissible for up to 50% to be undertaken in a simulated Information and Digital environment.</p> <p>Optional HSC examination: Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the Compulsory Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.</p> <p>N Determinations: Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.</p> <p>Appeals: Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.</p> <p>Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.</p>			





QUALIFICATION: Certificate I in Engineering (MEM10105)

- Board Developed Course – NESA Course No:26701
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses – Industrial Technology – Metal & Engineering Industries Focus Area

- A total of 4 units of credit – Preliminary and/or HSC
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables? Coarse Fees \$130

Course Description:

This course provides students with the opportunity to obtain national vocational qualifications for employment in the manufacturing, engineering and related industries. Students will be able to gain skills in safe work practices, routine work activities, working with others, quality procedures and systems, the use of hand and power tools, technical drawing and engineering measurement. Occupations in the manufacturing, engineering and related industries include fitter, toolmaker, engineering draftsman, boat builder/repairer and mechanical, production or marine engineer.

HSC Course Structure:

This course comprises four core units of competency, the manufacturing, engineering and related services industries induction; Interpret technical drawing and five elective units.

UNITS OF COMPETENCY – Compulsory – Attempt ALL units

Core - Attempt all units

Unit code	Unit title	HSC indicative hours of credit
MEM13014A	Apply principles of occupational health and safety in the work environment	15
MEM14004A	Plan to undertake a routine task	10
MEM15024A	Apply quality procedures	5
MEM16007A	Work with others in a manufacturing, engineering or related environment	15

Electives - Attempt ALL units

MEM12023A	Perform engineering measurements	15
MEM12024A	Perform computations	20
MEM15002A	Apply quality systems	10
MEM18001C	Use hand tools	20
MEM18002B	Use power tools/hand held operations	20
MEM05006C	Perform brazing and or silver soldering	20
MEM16005A	Operate as a team member to conduct manufacturing, engineering or related activities	10
MEM11011B	Undertake manual handling	5
MEM07032B	Use workshop machines for basic operations	25
MEM16008A	Interact with computing technology	10

Additional examinable units delivered to meet NESA requirements These units are not part of the CERT I qualification

Induction	Manufacturing, engineering and related services industries induction	10
MEM09002B	Interpret technical drawing	30

ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:

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

Work placement:

Students **must** complete a minimum of 70 hours work placement in a Metal and Engineering related industry workplace (35 hours in each of Years 11 and 12).

Optional HSC examination:

Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the compulsory units of competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.

N Determinations:

Where a student has not met NESA completion criteria, including meeting work placement requirements, they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals: Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.

Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.



QUALIFICATION: Certificate II in Agriculture (AHC20116)		
<ul style="list-style-type: none"> • Board Developed Course – NESA Course No: 26811 • Minimum mandatory work placement – 70 hours • Exclusions with other Board Developed Courses – nil 	<ul style="list-style-type: none"> • A total of 4 units of credit – Preliminary and/or HSC • Category B status for the Australian Tertiary Admission Rank (ATAR) • Consumables / Coarse Fees \$150 	
<p>Course Description: This course provides students with the opportunity to obtain a national vocational qualification in agriculture, horticulture and/or conservation and land management. Students will be able to gain skills in farm operations and equipment, the production and care of livestock and/or crops and in sustainable land management. Possible occupations include farm hand/labourer, shearer, horse care attendant, horticultural assistant and farmer/farm manager.</p> <p>HSC Course Structure: This course consists of two core units of competency, the Care for health and welfare of livestock stream, and fourteen elective units.</p>		
UNITS OF COMPETENCY – Compulsory – Attempt ALL units		
Core - attempt all units		
Unit code	Unit title	HSC indicative hours of credit
AHCWRK209	Participate in environmentally sustainable work practices	15
AHCWHS201	Participate in work health and safety processes	15
AHCWRK204	Work effectively in the industry	20
Electives -		
AHCCHM201	Apply chemicals under supervision	20
AHCWRK201	Observe and report on weather	15
AHCLSK202	Care for health and welfare of livestock	20
AHCMOM202	Operate tractors	20
AHCINF202	Install, maintain and repair farm fencing	15
AHCWRK205	Participate in workplace communications	10
AHCPMG201	Treat weeds	10
AHCLSK204	Carry out regular livestock observation	10
AHCLSK205	Handle livestock using basic techniques	15
AHCLSK209	Monitor water supplies	10
AHCPIO201	Inspect and clean machinery for plant, animal and soil material	10
AHCNSY202	Care for nursery plants	15
AHCMOM203	Operate basic machinery and equipment	15
AHCNSY201	Pot up plants	10
AHCNSY203	Undertake propagation activities	20
AHCLSK211	Provide feed for livestock	10
AHCLSK206	Identify and mark livestock	10
ASSESSMENT AND COURSE COMPLETION		
<p>Competency-based Assessment: Students in this course work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. Students can also complete a specialisation study in Primary Industries- The purpose of the Primary Industries Specialisation Study is to provide students with the opportunity to gain further credit towards an industry qualification.</p> <p>Work placement: Students must complete a minimum of 70 hours work placement in a Primary Industries related industry workplace (35 hours in each of Years 11 and 12).</p> <p>Optional HSC examination: Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the Mandatory Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.</p> <p>N Determinations: Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an 'N' determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.</p> <p>Appeals: Students may lodge appeals against assessment decisions or 'N' determinations through their school or college.</p> <p>Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.</p>		

School Fees: Preliminary Course \$90 HSC Course \$90

This course will run depending upon teacher being accepted for training.

**Board
Endorsed
VET
Courses**



Possible TAFE Delivered VET Courses and How to Apply

Course Name	TAFE College
Financial Services	Blacktown/Baulkham Hills
Animal Care/Animal Attending	Richmond
Automotive Framework	Mount Druitt
Automotive-Panel Beating	Mount Druitt
Automotive-Mechanical	Mount Druitt
Automotive-Vehicle Painting	Mount Druitt
Aviation-Aircraft Operation (Theory)	Blacktown
Beauty Therapy-Make-up	Granville / Mt Druitt
Business Services	Baulkham Hills/Blacktown/Granville
Children's Services	Baulkham Hills/Nirimba
Community Services-Introduction	Nirimba
Computer CAD Skills	Granville/Mt Druitt
Construction Framework	Nirimba
Electrotechnology	Granville/Mt Druitt
Entertainment	Granville/Nirimba
Floristry	Richmond
Hairdressing-Salon Skills	Granville
Horse Industry Skills	Richmond
Hospitality Framework-Accommodation	Kingswood
Hospitality-Food & Beverage Service and Kitchen Operations	Baulkham Hills
Information Technology Framework	Blacktown/Granville
Literacy & Information Services (2 year course)	Mt Druitt
Logistics	Mt Druitt
Marketing	Blacktown/Granville
Media News Journalism	Blacktown/Granville
Metals & Engineering	Granville/Mt Druitt
Music	Nirimba
Human Services (Nursing)	Nepean, Blacktown and Mt Druitt Hospital
Outdoor Recreation (Block in school holidays)	Blue Mountains
Painting and Decorating	Granville
Plumbing	Granville/Mt Druitt
Primary Industries	Richmond
Property Real Estate	Granville/Penrith
Radio Broadcasting	Granville
Retail Framework	Blacktown
Tourism Framework Sales/Office Operations	Baulkham Hills/Blacktown/Nirimba
Tourism (Sales/Office Operations)	Blacktown

Important Information

- To apply you must obtain an application form, from the Careers Adviser. It must be filled out and returned to the Careers Office by the DUE DATE.
- The TVET courses count as 2 Units towards your HSC.
- May contribute to your ATAR (has to be Board Developed, check with Careers Adviser)
- May give you a TAFE qualification or Statement of Attainment and may provide advanced standing for TAFE courses when you leave school.
- A chance to study in an adult environment
- Develop industry awareness and expectations
- If you are looking for 2 units to make up the extra units you required in Year 11, some TVET courses only go for 1 year