



WADALBA
COMMUNITY SCHOOL
PROGRESS WITH PRIDE



Stage 6 2018 Subject Selection Booklet





Wadalba Community School

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MESSAGE FROM THE PRINCIPAL

Subject Selection for Higher School Certificate (Stage 6) courses is an important milestone in your schooling and maturity as young adults. It is an important time for you to think about your hopes and aspirations and to work closely with your family and teachers as you make decisions about the subjects you will study over the next two years.

In the senior years you will receive an exit credential for secondary education by achieving either a HSC or RoSA:

- The **Higher School Certificate (HSC)** is the highest educational achievement in secondary education in New South Wales. To be awarded your HSC you must complete Years 11 and 12, satisfy HSC course requirements, and sit for the state-wide exams.
- The **Record of Student Achievement (RoSA)** is a credential that shows your cumulative participation and achievement in courses up until you leave school, if you choose to do so after Year 10, but before completing your HSC. You also have the option to complete an online Literacy and Numeracy test.

Stage 6 course offerings are varied and diverse in both the course outcomes covered and the type of learning. For example, some courses include a major project component that is submitted or performed.

It is important that making decisions about subject selection is carefully considered. Thinking about your career aspirations, your personal interests and what subjects are on offer is generally an effective way to make good decisions. As well family and teachers, the school Career and Transition team will provide advice and support to ensure you choose subjects that assist you with your goals.

You will find more information about the HSC on the NESA website <http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc> . For families, <http://educationstandards.nsw.edu.au/wps/portal/nesa/parents/parent-guide> is a useful link about supporting young people through their HSC.

Mr Jason McGrath
Principal

INFORMATION ABOUT THE HIGHER SCHOOL CERTIFICATE

You are about to embark on a very important two years of schooling in the lead up to the Higher School Certificate. To ensure that you make the best decisions, it is vital that you take the time to read this booklet and the accompanying information from the NSW Education Standards Authority (NESA). It is also important to discuss your ideas with your family and with people who can provide you with assistance in planning your future career.

In its current format, the HSC provides a number of opportunities. For example:

- Did you know that you may complete your HSC over five years?
- Completion of Vocational Education and Training courses will usually result in what we call 'dual accreditation' – that is, you receive your HSC as well as a qualification through the national training frameworks.
- Students will no longer be compared to each other for their results – you will now receive a mark that reflects your level of achievement when compared to existing standards.
- Each course that you successfully complete in the HSC will have a 'course report' which sets out the sorts of knowledge and skills that you have demonstrated.
- Students wishing to extend their studies in some areas may complete Extension Courses in Year 11 and Year 12.

The opportunities in the HSC are extensive and students, along with parents, are urged to consider all options very carefully. Students need to think about what you might like to do in the future. What sort of future do you want to create for yourself – Will it require university study? Should I go to TAFE? Do I need a HSC? How important to me are VET subjects? What sort of courses do I like to do?

REQUIREMENTS FOR YEARS 11 AND 12

In order to complete the Preliminary and HSC courses, students must:

- Satisfactorily complete courses that meet the pattern of study required by the NSW Education Standards Authority (NESA) (a minimum of 12 units in the Preliminary and a minimum of 10 units in the HSC course)
- Sit for and make a serious attempt at the HSC exams
- Follow the course developed or endorsed by the NSW Education Standards Authority (NESA)
- Apply yourself with diligence and sustained effort to all of the set tasks and experiences provided in the course by the school
- Achieve some or all of the course outcomes

Your pattern of study must include:

- At least 6 units of Board Developed Courses
- At least 3 courses of 2 units or greater
- At least 4 subjects
- 2 units of English

In addition, a maximum of 6 units of courses in Science can contribute to your HSC.

The new English Studies and Mathematics Standard 1 courses have been categorised as Category B ATAR courses for the 2019 HSC onwards. Those students who take English Studies in the 2019 HSC and want to receive an ATAR will need to remember that only 2 units of Category B courses can be included, and at least 2 units of English must be included, in the ATAR calculation. Therefore English Studies students who want an ATAR will not be able to include any other Category B units and will need at least 8 units of Category A courses.

Homework and Home Study

Year 11 students should spend 2 hours, 5 days per week on home study. This can take the form of revision of school work completed that day, completing projects, research, formal homework and additional reading of library books.

The school has collated some ideas for independent study.

Hyperlink: <http://www.wadalba-c.schools.nsw.edu.au/curriculum-activities/study-wcs>

TERMS AND CONCEPTS YOU SHOULD KNOW

Preliminary	Refers to the courses usually completed in Year 11.
HSC	Refers to courses usually completed in Year 12.
NESA	NSW Education Standards Authority, the organisation that develops the syllabus and conducts the exams.
ATAR	Australian Tertiary Admission Rank – this is calculated by the Universities as a way of determining entry to University courses.
VET	Vocational Education and Training – students can get ‘dual accreditation’ by completing these subjects – an HSC and Australian Qualifications Framework award.
Category A and B Subjects	Classifications by the Universities related to eligibility of subjects for the ATAR only 2 units of Category B subjects can be used to count towards the ATAR.
2 Unit Subject	The basis of subjects in the HSC, equates to about 4 hours per week or 120 hours per year and is marked out of 100 in internal and external assessment.

TYPES OF COURSES

There are 3 types of courses offered as a part of the HSC:

Board Developed Courses	These courses are developed by the NSW Education Standards Authority (NESA) and have a formal external HSC exam at the end of Year 12. These courses are eligible for calculation in your ATAR.
VET Courses	Are also Board Developed Courses that count towards the HSC, but enable the student to gain an Australian Qualifications Framework qualification as well. These are recognised by industry Australia wide. Work placement (35 hours per year) is mandatory, the external examination is optional. When the external exam at the end of Year 12 is done, these courses can be used in the calculation of the ATAR.
Board Endorsed Courses	These courses are developed by the school, and endorsed by the NSW Education Standards Authority (NESA) and count towards the HSC, but they DO NOT have an HSC exam at the end of Year 12. A mark is provided to the NSW Education Standards Authority (NESA) by the school based entirely on the student’s work and efforts at school.

Life Skills

<http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/subject-selection>

If you have special education needs you can attain your HSC by studying Life Skills courses. There are specific entry requirements for the Life Skills courses and you still need to meet the general eligibility and study patterns to earn your HSC. You will need to talk with your Year Adviser or Careers Adviser to find out whether these courses are suitable for you. Life Skills courses do not count towards the ATAR.

CHOOSING FROM THIS BOOKLET

Students are encouraged to seek as much information as possible prior to making their subject choices. This information comes from a number of sources, including this booklet, teachers, the Subject Selection Evening, parents and careers advisers – make sure you use all of them!

Steps you should follow:

- STEP 1** Collect all the information you need to make informed choices. Discuss your ideas with parents and teachers. Then you are ready to choose subjects.

- STEP 2** EVERY student must do English. Choose the most appropriate level for your needs.

- STEP 3** Choose at least 2 more subjects from Category A or B. These courses qualify you for an HSC.

- STEP 4** Choose 2 or 3 more subjects from any Category so that you have a total of 6 subjects (12 units).

CHECK LIST

PRELIMINARY CERTIFICATE = 12 UNITS OF STUDY = (6 SUBJECTS)

NB: ATAR = 10 UNITS OF BOARD DEVELOPED COURSES WITH A MINIMUM OF ONLY ONE CATEGORY B COURSE INCLUDED THIS COULD ALSO BE 5 SUBJECTS AS WELL AS EXTENSION ENGLISH AND EXTENSION MATHEMATICS

DO YOU WANT AN ATAR?

YES

- 6 Category A Courses- gives me the best opportunity to get a good ATAR for university entry.

OR

- At least 5 Category A - Board Developed Courses - and 1 Category B Course OR 1 Board Endorsed Course

OR

- 4 Category A and 2 Category B Courses but only the best one of my Category B courses will be included in the calculation of my ATAR.

OR

- 4 Category A and 1 Category B Course plus 1 Board Endorsed Course

NO

- At Least 3 Board Developed Courses = 6 Units plus 3 Board Endorsed Courses

NOT SURE??

You should choose courses that can give you an ATAR.

5 Category A and then either a Category B course or a Board endorsed course BUT you will still have enough Category A courses to give you your ATAR option!

COURSES TO BE OFFERED AT WADALBA COMMUNITY SCHOOL

CATEGORY A	CATEGORY B	NON CATEGORY
<p>Aboriginal Studies Ancient History Biology Business Studies Chemistry Community and Family Studies Dance Design and Technology Drama English - Standard - Advanced - *Extension 1 (1 Unit) Food Technology Geography Industrial Technology - Graphics - Multimedia - Timber Information Processes & Technology Investigating Science Legal Studies Languages Other than English (LOTE) - Spanish Mathematics - Mathematics - Extension 1 (1 unit) - Standard 2 (Pathway) Modern History Music 1 Personal Development, Health and Physical Education (PDHPE) Physics Society & Culture Software Design & Development Studies of Religion Textiles & Design Visual Arts</p>	<p>Business Services – VET Construction – VET English Studies (ATAR Optional) Hospitality – VET - Kitchen Operations Stream - Food and Beverage Stream Information, Digital Media and Technology – VET Mathematics Standard 1(Pathway) Primary Industries – VET - Agriculture Retail Services – VET</p> <p>*Trade Training Centre (4 Unit) - Construction - Hospitality - Kitchen Operations Stream - Metal & Engineering - Primary Industries - Agriculture</p>	<p>Exploring Early Childhood Marine Studies Sport Coaching Sport, Lifestyle & Recreation Work Studies</p> <p>TAFE Course with a HSC exam</p> <p>Include: - Entertainment Industry - Automotive - Human Services - Electro Technology - Financial Services - Human Services - Tourism and Events</p>

***All courses are 2 UNIT courses except for:**

- **Extension English and Extension Mathematics, which are 1 unit courses**
and
- **Trade Training Centre Courses, which are 4 unit courses completed in one calendar year.**

The school requires students who choose a TAFE course required to still study 12 units at school in year 11. (up to a maximum of 14 units).

CATEGORY A SUBJECTS

**For HSC ONLY you must choose
English and two other
Board Developed Courses**

- To get into university straight after you complete Year 12 you will need to have an ATAR study pattern.
 - To receive an ATAR we advise you to choose **ENGLISH** either Standard or Advanced and at least another four Board Developed Courses.
 - You need 10 units of Board Developed Courses with only one Category B Course used to calculate your ATAR
-

**The following courses are all Board
Developed Courses and can be
used to calculate your ATAR**

ABORIGINAL STUDIES

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

What will I be doing in this course?

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

The Preliminary course covers:

- Aboriginality and the Land
- Aboriginal Heritage and Identity
- Colonialism, Racism and Prejudice
- Research and Inquiry Methods

The HSC course provides for in depth study of legislation, policy, judicial processes and current events from the 1960s. During the course, students will undertake consultation with the local Aboriginal community and will study national and international Indigenous communities. Students apply research and inquiry methods through the completion of a major project.

The HSC course covers:

- Social Justice and Human Rights Issues
- Elective study of Aboriginality and the Land or Aboriginal Heritage
- Major project

ANCIENT HISTORY

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

What will I be doing in this course?

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 the ancient past. They use archaeological and written sources to investigate various aspects of the ancient world, including, sites, people, societies, events and developments.

The Preliminary Course covers:

- Investigating Ancient History
 - The nature of Ancient History
 - Case studies
- Features of Ancient Societies
- Historical Investigation

The HSC Course covers:

- Core study: Cities of Vesuvius – Pompeii and Herculaneum
- Ancient Societies
- Personalities in their times
- Historical Periods

BIOLOGY

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Course Fee: Preliminary \$0

Course Fee: HSC \$25.00 (Fee covers HSC past paper book and Experiment Fest Excursion)

What will I be doing in this course?

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

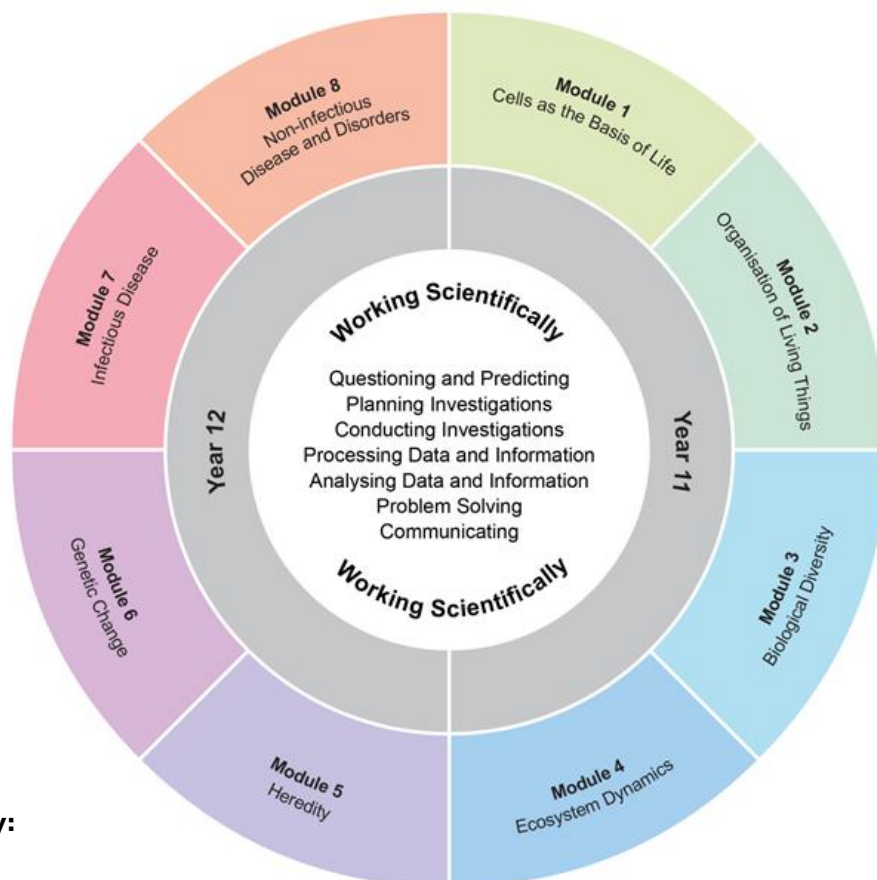
Biology uses Working Scientifically processes to develop scientific investigative skills. It focuses on developing problem-solving and critical thinking skills in order to understand and support the natural environment. When Working Scientifically, students are provided with opportunities to design and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

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.

The course provides the foundation knowledge and skills required to study biology after completing school, and supports participation in a range of careers in biology and related interdisciplinary industries. It is a fundamental discipline that focuses on personal and public health and sustainability issues, and promotes an appreciation for the diversity of life on the Earth and its habitats.

In the Preliminary Course students will study:

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



In the HSC Course students will study:

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

BUSINESS STUDIES

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

What will I be doing in this course?

Business Studies is a feature of everyone's life. Throughout the world people engage in a web of business activities to design, produce, market, deliver and support a range of goods and services.

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.

Students will develop general and specific skills, including research, analysis, problem-solving, decision-making, critical thinking and communication. These skills enhance their confidence and ability to participate effectively, not only as members of the business world, but also as citizens dealing with issues emanating from business activity.

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, providing useful knowledge and competencies for life.

In the Preliminary Course students will study:

- Nature of Business
- Business Management
- Business Planning

In the HSC Course students will study:

- Operations
- Marketing
- Finance
- Human Resources

CHEMISTRY

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Course Fee: HSC \$25.00 (Fee covers HSC past paper book and Experiment Fest Excursion)

What will I be doing in this course?

Chemistry 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.

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.

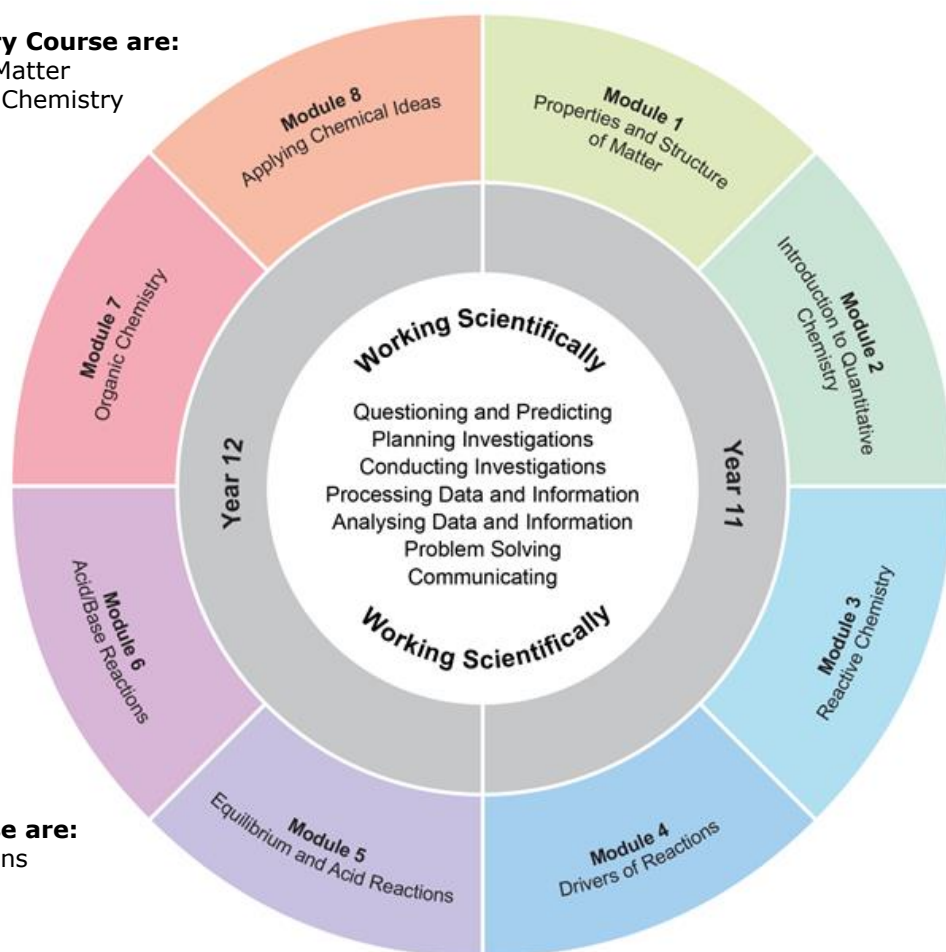
Chemistry involves using differing scales, specialised representations, explanations, predictions and creativity, especially in the development and pursuit of new materials. It requires students to use their imagination to visualise the dynamic, minuscule world of atoms in order to gain a better understanding of how chemicals interact.

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 investigations 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.

The study of Chemistry in Stage 6 enables students to develop an appreciation and understanding of materials and their properties, structures, interactions and related applications. Through applying Working Scientifically skills processes, the course aims to examine how chemical theories, models and practices are used and developed.

The Core Modules of the Preliminary Course are:

- Module 1: Properties and Structure of Matter
- Module 2: Introduction to Quantitative Chemistry
- Module 3: Reactive Chemistry
- Module 4: Drivers of Reactions
- Depth Study



The Core Modules of the HSC Course are:

- Module 5: Equilibrium and Acid Reactions
- Module 6: Acid/base Reactions
- Module 7: Organic Chemistry
- Module 8: Applying Chemical Ideas
- Depth Study, own choice

COMMUNITY and FAMILY STUDIES (CAFS)

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

Course fee: \$15

What will I be doing in this course?

Community and Family Studies is designed to develop in each student an understanding of the diverse nature and interdependence of families and communities, within Australian society. The course enables students to plan and manage resources effectively in order to address contemporary issues facing families and communities.

The Preliminary Course covers the following topics:

- Resource Management
- Individuals and Groups
- Families and Communities

The HSC Course covers the following topics:

- Research Methodology
- Groups in Context
- Parenting and Caring
- One option

Students are required to complete an Independent Research Project (IRP) as part of the HSC internal assessment. The focus of the Independent Research Project should be related to the course.

DANCE

CATEGORY A

2 units for each Preliminary and HSC Board Developed Course
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.

Preliminary Course fee: \$40

HSC Course fee: Students will be required to pay costs as the course progresses

Course Description:

Dance in Stage 6 is designed for students to experience, understand and value dance as an artform through the study of the performance, composition and appreciation of dance. This course concentrates on the study of dance as an 'artform', which involves the development of physical skill as well as aesthetic, artistic and cultural understanding. Students will learn to develop and demonstrate skills in Performance, Composition and Appreciation.

Preliminary Course Content:

In the Preliminary course, students study dance as an artform with core studies in the interrelated components of Performance, Composition and Appreciation. The knowledge that students gain in Year 11 provides the fundamentals of dance as an artform and is implicit in the content for Year 12.

Higher School Certificate Content:

In the HSC course, students continue their study of dance as an artform. They continue to study in the three core components. Students also undertake an in-depth study of dance in one of the major study components, either Performance, Composition, Appreciation or Dance and Technology. The three core study components are each allocated 20 percent of time, and the major study is allocated 40 percent.

DESIGN and TECHNOLOGY

CATEGORY A

2 Units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Preliminary Course Fee: \$40

HSC Course Fee: \$40

What will I be doing in this course?

Students will be given the opportunity to explore and develop technologies and demonstrate insight into the future uses of technology. They will articulate arguments on issues and consequences including environmental and social impacts. They will develop skills that are transferable and which lead to lifelong learning.

In the preliminary Course;

- Students will design and construct a range of products, systems or environments to solve design problems.
- Students establish foundation knowledge of design, design practices and processes, along with social and environmental implications/impacts.
- Student will use the workshop, kitchen and textiles resources to complete projects with the focus on designing and producing.
- Students produce TWO minor design projects to familiarise themselves with the requirements of the HSC Major Design Project. The projects need to fit into the areas of study: products, systems or built environments.

In the HSC course

- During the HSC course students will complete a Major Project where they develop their own design concept.
- Students will investigate innovative and emerging technology

DRAMA

CATEGORY A

Board Developed Course

2units for each of 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.

Course fee: \$20

Course Description: Students in Drama study the practices of Making, Performing and Critically Studying. Students engage with these components through collaborative and individual experiences.

Prerequisite: students choosing Drama must study Standard English as a minimum.

Preliminary Course Content: comprises an interaction between the components of Improvisation, Playbuilding and Acting, Elements of Production in Performance and Theatrical Traditions and Performance Styles. Learning comes from practical experiences in each of these areas.

Main Topics Covered - Preliminary Course

- Improvisation
- Playbuilding
- Acting Elements of Production in Performance Theatrical Traditions
- Performance Styles

HSC Course: Australian Drama and Theatre and Studies in Drama and Theatre involve the theoretical study through practical exploration of themes, issues, styles and movements of traditions of theatre, exploring relevant acting techniques, performance styles and spaces. The Group Performance (3-6 students) involves creating a piece of original theatre (8–12 minutes duration). It provides opportunity for each student to demonstrate his or her performance skills. For the Individual Project, students demonstrate their expertise in a particular area. They choose one project from Critical Analysis or Design or Performance or Script-writing or Video Drama.

Topics Covered - HSC Course

- Australian Drama and Theatre (Core content)
- Studies in Drama and Theatre Group Performance (Core content)
- Individual Project

ENGLISH STUDIES (ATAR Optional)

CATEGORY B

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: English (Standard); English (Advanced); English (ESL); English (Extension)

This course provides the OPTION of an external examination which will be eligible for inclusion in the calculation of the Australian Tertiary Admission Rank (ATAR).

Who should study this course?

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.

What will I be doing in this course?

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. 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.

Preliminary Course

- **Mandatory Module – Achieving Through English**
- **Modules – 2-3**

HSC Course

- **Common Module – Texts and Human Experiences** (one prescribed text and a range of short texts)
- **Modules – 2-3**

❖ Also included in - **Category B Courses** (page 41)

ENGLISH STANDARD (ATAR)

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: English (Advanced); English (ESL); English (Extension); English Studies

Who should study this course?

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.

What will I be doing in this course?

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.

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.

Preliminary Course

- **Common Module – Reading to Write** (Transition to Senior English)
- **Module A – Contemporary Possibilities** (multi-modal/digital text)
- **Module B – Close Study of Literature** (literature)

HSC Course

- **Common Module – Texts and Human Experiences** (one prescribed text and a range of short texts)
- **Module A – Language, Identity and Culture** (one prescribed text and a range of related texts)
- **Module B – Close Study of Literature** (one prescribed text)
- **Module C – The Craft of Writing** (integrated exploration of a range of short texts and writing experiences)

ENGLISH ADVANCED (ATAR)

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: English (Standard); English (ESL); English Studies

Who should study this course?

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.

What will I be doing this course?

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.

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.

Preliminary Course

- **Common Module – Reading to Write** (Transition to Senior English)
- **Module A – Narratives that Shape our World** (a range of narratives)
- **Module B – Critical Study of Literature** (one text)

HSC Course

- **Common Module – Texts and Human Experiences** (one prescribed text and a range of short texts)
- **Module A – Textual Conversations** (two prescribed texts comparison)
- **Module B – Critical Study of Literature** (one prescribed text)
- **Module C – The Craft of Writing** (integrated exploration of a range of short texts and writing experiences)

ENGLISH EXTENSION 1 (ATAR)

CATEGORY A

HSC English Extension 1 & HSC English Extension 2

1 unit of study for each of Preliminary and HSC

Exclusions: English (Standard); Fundamentals of English; English (ESL); English Studies

Prerequisites:

- English (Advanced)
- Preliminary English Extension is a prerequisite for HSC English Extension Course 1

Who should study this course?

The English Extension 1 course is designed for students with an interest in literature and a desire to pursue specialised study of English. It 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.

What will be doing in this course?

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.

English Extension 2 (ATAR)

Who should study this course?

The English Extension 2 course is designed for students who are independent learners with an interest in literature and a desire to pursue specialised study of English. It provides 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.

What will I be doing in this course?

Students 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 skills, which are essential at tertiary levels of study and in the workplace.

ENGLISH EXTENSION 2 (ATAR)

CATEGORY A

HSC English Extension 1 & HSC English Extension 2
1 unit of study for each of Preliminary and HSC

Exclusions: English (Standard); English (ESL); English Studies

Prerequisites:

- English (Advanced)
- Preliminary English Extension is a prerequisite for HSC English Extension Course 1
- English Extension Course 1 is a prerequisite for English Extension 2 Course

Who should study this course?

The English Extension 2 course is designed for students who are independent learners with an interest in literature and a desire to pursue specialised study of English. It provides 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.

What will I be doing in this course?

Students 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.

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FOOD TECHNOLOGY

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Course fee: Preliminary \$75

Course fee: HSC \$40

What will I be doing in this course?

Students will develop knowledge and understanding about the production, processing and consumption of food, the nature of food and human nutrition and an appreciation of the importance of food to health and its impact on society. Skills will be developed in researching, analysing and communicating food issues, food preparation, and the design, implementation and evaluation of solutions to food situations.

In the Preliminary Course students will study:

- Food Availability and Selection
- Food Quality
- Nutrition

In the HSC Course students will study:

- The Australian Food Industry
- Food Manufacture
- Food Product Development
- Options: Contemporary Food Issues in Nutrition or Contemporary Food Issues in the Marketplace

It is mandatory that students undertake practical activities. Such experiential learning activities are specified in the 'learn to' section of each strand.

- undertake a wide range of additional related texts and textual forms

GEOGRAPHY

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

What will I be doing in this course?

The Preliminary course investigates biophysical and human geography and develops students' knowledge and understanding about the spatial and ecological dimensions of geography. Enquiry methodologies are used to investigate the unique characteristics of our world through fieldwork, geographical skills and the study of contemporary geographical issues.

The HSC course enables students to appreciate geographical perspectives about the contemporary world. There are specific studies about biophysical and human processes, interactions and trends. Fieldwork and a variety of case studies combine with an assessment of the geographers' contribution to understanding our environment and demonstrate the relevance of geographical study.

In the Preliminary Course, students will study:

- Biophysical Interactions – fieldwork Bobbin Head/overnight camp
- Global Challenges – population study/fieldwork Sydney
- Senior Geography Project

In the HSC Course, students will study:

- Ecosystems at Risk – fieldwork Porters Creek/Avoca
- Urban Places – Mexico City, New York, Sydney - fieldwork Sydney
- People and Economic Activity – mining case study/fieldwork Hunter Valley or topic chosen by class/teacher

Students complete a Senior Geography Project (SGP) in the Preliminary course and must undertake 10 hours of fieldwork in both the Preliminary and HSC courses. Students will be required to submit both oral and written geographic reports.

INDUSTRIAL TECHNOLOGY - GRAPHICS

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses. Students may only select ONE Industrial Technology subject, ie timber or multimedia.

Course fee: Preliminary \$30

Course fee: HSC \$15

What will I be doing in this course?

Industrial Technology Graphics Technologies Stage 6 consists of project work, an Industry Study that develops a broad range of skills and knowledge related to the graphics industry, and an introduction to industrial processes and practices. This is a predominantly practical subject. Preliminary students will be required to complete two minor practical graphics projects (one term each), while the HSC component requires students to produce a major project of their choice. This project generally runs over the course of one year and includes a comprehensive management folio.

The Focus Area is Graphics Technologies.

In the Preliminary Course students will study:

- Industry Study – structural, technical, environmental and sociological factors, personnel issues, Occupational Health and Safety
- Design and Management – designing, drawing, computer applications, project management
- Workplace Communication – literacy, calculations, graphics
- Industry-specific Content and Production
- Preliminary students will be required to complete two minor practical projects and management folios. These will include one manually drawn formal drawing and one digital drawing produced using CAD software.

In the HSC Course students will study:

- Industry Study
- Design and Management
- Workplace Communication
- Industry-specific Content and Production
- The main focus for the HSC year is a student directed major project and management folio. This would be produced using CAD software and examples of the type of projects created may include: a scaled architectural drawing of a building, a 3D model of a product or vehicle.

In the Preliminary course, students must design, develop and construct a minimum of 2 projects. In the HSC course, students must design, develop and construct a major project with a management folio.

INDUSTRIAL TECHNOLOGY - MULTIMEDIA

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses. Students may only select ONE Industrial Technology subject, ie timber or multimedia.

Course fee: Preliminary \$15

Course fee: HSC \$15

What will I be doing in this course?

Industrial Technology Multimedia Stage 6 consists of project work, an Industry Study that develops a broad range of skills and knowledge related to the Multimedia industry, and an introduction to industrial processes, software and practices. This is a predominantly practical subject. Preliminary students will be required to complete three minor practical projects, while the HSC component requires students to produce a multimedia major project of their choice. This project generally runs over the course of one year and includes a comprehensive management folio.

The Focus Area is the Multimedia Industries which include, moviemaking, animation, graphic design and more.

In the Preliminary Course students will study:

- Industry Study – structural, technical, environmental and sociological factors, personnel issues, Occupational Health and Safety
- Design and Management – designing, drawing, computer applications, project management
- Workplace Communication – literacy, calculations, graphics
- Industry-specific Content and Production
- Preliminary students will be required to complete three minor practical projects, a graphic design (poster), a website and a flash movie (one term each)

In the HSC Course students will study:

- Industry Study
- Design and Management
- Workplace Communication
- Industry-specific Content and Production
- The main focus for the HSC year is a student directed major project and management folio. Some examples of projects that HSC Multimedia students produce are websites, films, cartoons/animations, Audio CDs

INDUSTRIAL TECHNOLOGY - TIMBER

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses. Students may only select ONE Industrial Technology subject, ie timber or multimedia

Course fee: Preliminary \$60

Course fee: HSC \$30

What will I be doing in this course?

Industrial Technology Timber Stage 6 consists of project work, an Industry Study that develops a broad range of skills and knowledge related to the timber industry, and an introduction to industrial processes and practices. This is a predominantly practical subject. Preliminary students will be required to complete two minor practical projects (one term each), while the HSC component requires students to produce a self-funded major project of their choice. This project generally runs over the course of one year and includes a comprehensive management folio.

The Focus Area is Timber Products and Furniture Industries.

In the Preliminary Course students will study:

- Industry Study – structural, technical, environmental and sociological factors, personnel issues, Occupational Health and Safety
- Design and Management – designing, drawing, computer applications, project management
- Workplace Communication – literacy, calculations, graphics
- Industry-specific Content and Production
- Preliminary students will be required to complete two minor practical projects and management folios. These will be selected and funded by the school and in the past have included such items as cheval mirrors, toolboxes, CD racks, and breadboards

In the HSC Course students will study:

- Industry Study
- Design and Management
- Workplace Communication
- Industry-specific Content and Production
- The main focus for the HSC year is a student directed and funded major project and management folio. Some examples of projects that past HSC Timber students have produced are intricate jewellery boxes, bedroom suites, desks, dining suites, chess boards and pieces and much more.

In the Preliminary course, students must design, develop and construct a minimum of 2 projects. In the HSC course, students must design, develop and construct a self-funded major project with a management folio.

INFORMATION PROCESSES and TECHNOLOGY

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

Course fee: Preliminary \$15

Course fee: HSC \$15

What will I be doing in this course?

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

In the Preliminary Course students will study: Introduction to Information Skills and Systems

- Tools for Information Processes Collecting
- Planning, Design and Implementation
- Personal and Groups Systems and Projects

In the HSC Course students will study:

- Project Work
- Information Systems and Databases
- Communication Systems

Option Strands

Students will select two of the following options:

- Transaction Processing Systems
- Decision Support Systems
- Automated Manufacturing Systems
- Multimedia Systems

LEGAL STUDIES

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

What will I be doing in this course?

The Preliminary course develops students' knowledge and understanding of basic legal concepts and law-making, the development of Australian and international legal systems, the Australian constitution, and the role of the individual. Students will also experience how the law works in practice with visits to one or more courts to observe civil and criminal cases. This is achieved by investigating, analysing and synthesising legal information and investigating legal issues from a variety of perspectives.

The HSC course investigates the key area of crime, human rights and two case studies selected from a variety of focus areas.

In the Preliminary Course students will study:

- The Legal System (40% of course)
- The Individual and the Law (30% of course)
- The Law in Practice (30% of course)

Each topic has a principal focus and themes and challenges related to the law.

In the HSC Course students will study:

- Crime (30% of course)
- Human Rights (30% of course)
- Two Focus Studies chosen from the list below (25% of course each)
 - Consumers
 - Family
 - Global environmental protection
 - Indigenous peoples
 - Shelter
 - Workplace
 - World order

Students will study some key themes which are incorporated across all topics: Justice, law and society; Culture, values and ethics; Conflict and cooperation; Continuity and change; Legal processes and institutions; Effectiveness of the legal system.

LANGUAGES OTHER THAN ENGLISH (LOTE) - Spanish

Spanish Beginners

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Spanish Continuers and Spanish Background Speakers

Spanish is one of the most widely spoken languages in the world. It is the official language of 21 countries and one of the official languages of the United Nations and the European Union. The study of Spanish provides students with opportunities for continued learning and for future employment and experience, both domestically and internationally, in areas such as public relations, commerce, hospitality, education, marketing, international relations, media and tourism.

Course Description:

The Spanish Beginners Stage 6 course is a two-year course, which has been designed for students who wish to begin their study of Spanish at senior secondary level. It provides students with language skills needed to function effectively in any of the Spanish-speaking communities around the world. It also enables them to experience and develop their understanding of the traditions and culture of these communities.

Language is the basis of all communication and human interaction. By learning a second or subsequent language, students develop knowledge, understanding and skills for successful participation in the dynamic world of the 21st century. Communicating in another language expands students' horizons as both national and global citizens.

Topics studied in Spanish Beginners include:

- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations

Additional Information:

Students cannot undertake this course if they are native speakers or have spent time on exchange in Spain or any other Spanish speaking country to study this course.

MATHEMATICS

CATEGORY A

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 Mathematics 5.2 (Intermediate) course for the ROSA, along with the recommended options of 5.3 Mathematics.

Exclusions: General Mathematics

Course Fees: Preliminary \$25.00 – includes Excel Study Guide

HSC \$30.00 – includes past HSC Study Guide

What will I be doing in this course?

This course is mandatory for entrance into a number of STEM based courses at university level. The course is intended to give students who have demonstrated competence in the skills of Stage 5 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.

In the Preliminary Course students will study:

- Basic arithmetic and algebra
- Real functions
- Trigonometric ratios
- Linear functions
- The quadratic polynomial and the parabola
- Plane geometry – geometrical properties
- Tangent to a curve and derivative of a function

In the HSC Course students will study:

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

MATHEMATICS - EXTENSION 1

CATEGORY A

1 unit in each of Preliminary
(Preliminary Mathematics Extension) and HSC
Board Developed Course

Prerequisites: The course is constructed on the assumption that students have achieved the outcomes in the core of the Mathematics 5.3 (Advanced) course for the ROSA, along with the recommended options. Students must be doing mathematics in conjunction with this course.

Exclusions: General Mathematics

**Course Fees: Preliminary \$25.00 – includes Excel Study Guide
HSC \$30.00 – includes past HSC Study Guide**

What will I be doing in this course?

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 are interested in the study of further skills and ideas in mathematics. 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.

In the Preliminary Course students will study:

- 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

In the HSC Course students will study:

- 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

MATHEMATICS - STANDARD

CATEGORY A

2 units for 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 Mathematics 5.1 (Standard) course for the ROSA, together with the following substrands from 5.2- financial Mathematics, Linear Algebra, Non-Linear relationships, Right-angles Triangles, Single Variable Data analysis and Probability.

Exclusions: Students may **not** study any other Stage 6 Mathematics course in conjunction with Standard Mathematics.

Course Fees: Preliminary \$25.00 - includes Excel Study Guide
HSC \$30.00 - includes past HSC Study Guide.

What will I be doing in this course?

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.

In Year 12 the course separates into two areas Mathematics Standard 1 and Mathematics Standard 2

Mathematics Standard 1 is designed to help students improve their numeracy by building their confidence and success in making mathematics meaningful. Numeracy is more than being able to operate with numbers. It requires mathematical knowledge and understanding, mathematical problem-solving skills and literacy skills, as well as positive attitudes. 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.

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.

In the Preliminary Course students will study:

- Formulae and Equations
- Linear Algebra
- Applications of Measurement
- Working with Time
- Money matters
- Data Analysis
- Relative Frequency and Probability

In the HSC Course students will study: (ATAR) Mathematic Standard 2	In the HSC (Category B) Mathematics Standard 1
• Types of Relationships	• Types of Relationships
• Right-angles Triangles	• Right-angles Triangles
• Rates and Ratios	• Rates
• Investments and Loans	• Scale Drawings
• Annuities	• Investment
• Bivariate Data Analysis	• Depreciation and Loans
• The Normal Distribution	• Further Statistical Analysis
• Network Concepts	• Networks and Paths
• Critical Path Analysis	

MODERN HISTORY

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

What will I be doing in this course?

The Preliminary course is structured to provide students with opportunities to develop and apply understanding of methods and issues involved in investigating Modern History. Students investigate various aspects of the modern world, including, people, ideas, movements, events and developments.

The HSC course provides the opportunity for students to apply their understanding of sources and relevant historiographical issues in the investigation of the modern world.

In the Preliminary Course, students will study:

- Investigating Modern History
 - Option and two case studies
- Conduct an historical investigation
- The shaping of the modern world

In the HSC Course, Students will study:

- Core Study: Power and authority in the modern world 1919 - 1946
- National Studies
- Peace and conflict
- Change in the modern world

In the Preliminary course, At least TWO Case Studies must be undertaken. ONE Case Study must be from Asia, the Pacific, Africa, the Middle East or Central/South America. ONE Case Study must be from Europe, Northern America or Australia. In the HSC students are required to study at least ONE non-European/Western topic. The Historical Investigation and choice of Case Study must not overlap or duplicate significantly any topic attempted for the HSC Modern History or History Extension courses.

MUSIC 1

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Prerequisites: Music mandatory course (or equivalent)

Exclusions: Music 2

Course fee: \$35

What will I be doing in this course?

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

Particular Course Requirements

In addition to core studies in performance, composition, musicology and aural, students nominate three elective studies in Performance, Composition or Musicology in the HSCS year. 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 the Board of Studies to validate authorship of the submitted work.

All students are required to develop and complete all four areas as a core study. This includes a minimum of one performance, one composition and one Viva Voce.

PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Course fee: \$15

What will I be doing in this course?

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.

In the Preliminary Course, students will study:

- Meanings of Health and Physical Activity
- Better Health for Individuals
- The Body in Motion

Optional Components: Students to select **two** options each from:

- First Aid
- Composition and Performance
- Fitness Choices
- Outdoor Recreation

In the HSC Course, students will study:

- Health Priorities in Australia
- Factors Affecting Performance

Optional Components: Students to select **two** options each from:

- The Health of Young People
- Sport and Physical Activity in Australian Society
- Sports Medicine
- Improving Performance
- Equity and Health

PHYSICS

CATEGORY A

2 units for each of Preliminary and HSC

Board Developed Course

Course Fee: HSC \$25.00 (Fee covers HSC past paper book and Experiment Fest Excursion)

What will I be doing in this course?

Physics involves the study of matter and its motion through space and time, along with related concepts that include energy and force. Physics 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.

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.

The study of physics provides the foundation knowledge and skills required to support participation in a range of careers. It is a discipline that utilises innovative and creative thinking to address new challenges, such as sustainability, energy efficiency and the creation of new materials.

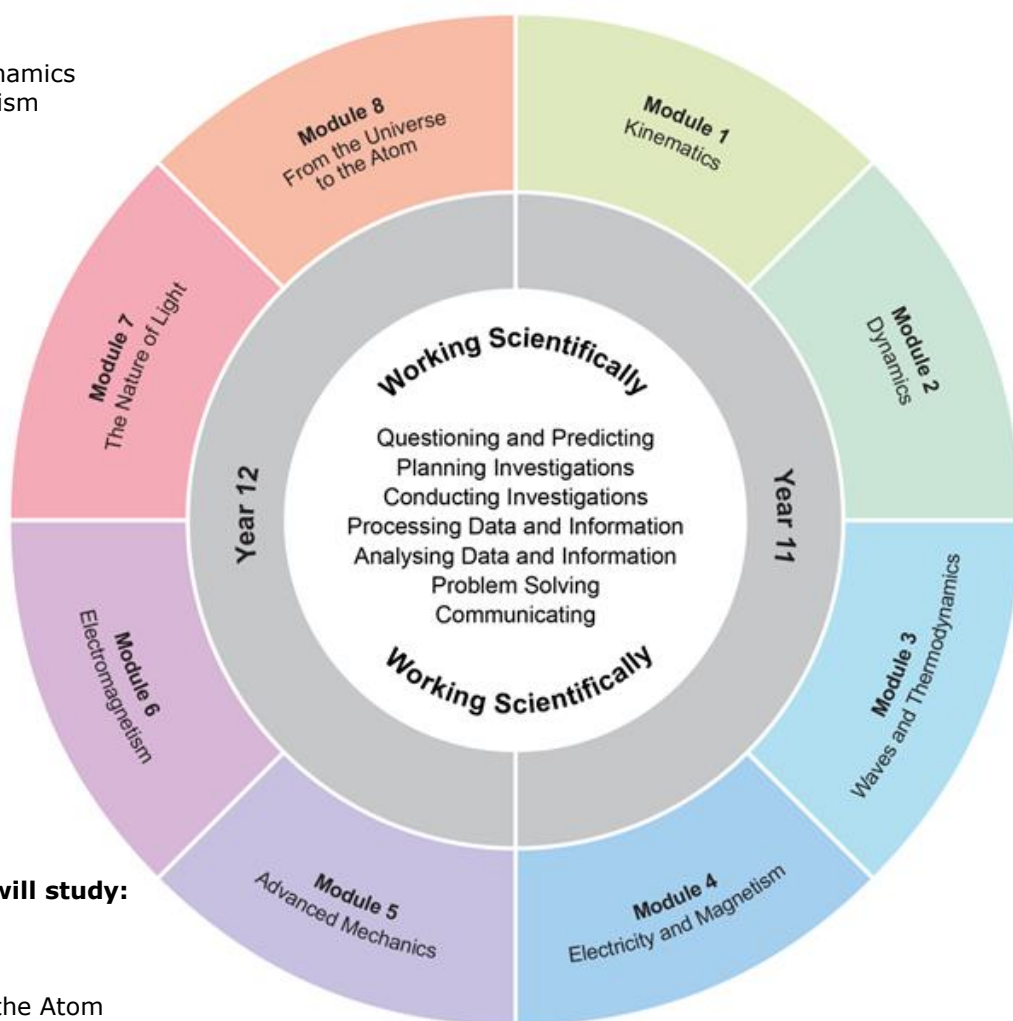
In the Preliminary Course, students will study the following core modules:

Module 1: Kinematics

Module 2: Dynamics

Module 3: Waves and Thermodynamics

Module 4: Electricity and Magnetism



In the HSC Course, students will study:

Module 5: Advanced Mechanics

Module 6: Electromagnetism

Module 7: The Nature of Light

Module 8: From the Universe to the Atom

If you are considering studying Physics the new **Investigating Science** course will complement it well. i.e. Studying Physics will help support Investigating Science and visa versa.

SOCIETY and CULTURE

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

What will I be doing in this course?

Society and Culture develops knowledge, understanding, skills, values and attitudes essential to an appreciation of the social world. How the interaction of persons, society, culture, environment and time shape human behaviour is a central theme of study. Students develop an understanding of research methodologies and undertake research in an area of particular interest to them.

The research findings are presented for external assessment in the Personal Interest Project (PIP). The course deals with areas of interest and relevance to students.

In the Preliminary Course, students will study:

- The Social and Cultural World – the interaction between aspects of society and cultures
- Personal and Social Identity – socialisation and coming of age in a variety of social and cultural settings.
- Intercultural Communication – how people in different cultures interact and communicate.

In the HSC Course, students will study:

Core Studies:

- Social and Cultural Continuity and Change
- TWO Depth Studies
- The Personal Interest Project

Depth Studies: TWO to be chosen from:

- Popular Culture – the interconnection between individuals and popular culture
- Belief Systems – role of belief systems in societies, cultures and personal life
- Equality and Difference – the nature of equality and difference in societies and cultures
- Work and Leisure – the nature and role of work and leisure in society.

Students MUST Complete a Personal Interest Project worth 40% of their HSC mark.

SOFTWARE DESIGN and DEVELOPMENT

CATEGORY A

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Nil

Course fee: Preliminary \$15

Course fee: HSC \$20

What will I be doing in this course?

The Preliminary course introduces students to the basic concepts of computer software design and development. It does this by looking at the different ways in which software can be developed, the tools that can be used to assist in this process and by considering the interaction between software and the other components of the computer system. The HSC course builds on the Preliminary course and asks students to develop and document software using a variety of data structures and language facilities. Through this they will learn to solve a number of interesting and relevant software problems.

In the Preliminary Course, students will study:

Concepts and issues in the Design & Development of Software:

- Social and ethical issues
- Hardware and software
- Software development approaches
- Introduction to Software Development
- Defining the problem and planning software solutions
- Building software solutions
- Checking software solutions
- Modifying software solutions

In the HSC Course, students will study:

Development and Impact of Software Solutions:

- Social and ethical issues
- Application of software development approaches

Software Development Cycle:

- Defining and understanding the problem
- Planning and design of software solutions
- Implementation of software solutions
- Testing and evaluation of software solutions
- Maintenance of software solutions

Developing a Solution Package Option:

- Evolution of programming language; or
- The software developers view of the hardware

Particular Course Requirements:

Practical experience should occupy a minimum of 20% of the Preliminary course, and a minimum of 25% of the HSC course. There are software and course specifications.

STUDIES OF RELIGION

CATEGORY A

1 unit to be completed in either year 11 or year 12

Board Developed Course

Exclusions: Nil

What will I be doing in this course?

Students develop knowledge and understanding about:

- Nature of religion and beliefs
- Religious tradition study 1
- Religious tradition study 2
- Religion and Belief systems in Australia post-1945
- Religious tradition depth study 1
- Religious tradition depth study 2

The depth studies will be chosen from Buddhism, Christianity, Hinduism, Islam or Judaism. The depth study looks at these belief systems.

TEXTILES and DESIGN

Category A

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Course fee: Preliminary \$35

Course fee: HSC \$20

What will I be doing in this course?

The Preliminary course involves the study of design, communication techniques, manufacturing methods, fibres, yarns, fabrics and related Industries.

The HSC course involves the study of historical design development, the influence of culture on design, contemporary designers, end-use applications of textiles, innovations and emerging technologies, appropriate textile technology and environmental sustainability, current issues and the marketplace. This course involves the development of a Major Textiles Project.

In the Preliminary Course, students will study:

- Design
- Properties and Performance of Textiles
- Australian Textiles, Clothing, Footwear & Allied Industries

In the HSC Course, students will study:

- Design
- Properties and Performance of Textiles
- The Australian Textiles, Clothing, Footwear and Allied Industries
- Major Textiles Project

In the Preliminary course students will undertake two projects: One from the area of study Design, the other from the area of study of Properties and Performance of Textiles. In the HSC course, students complete a major project.

VISUAL ARTS

CATEGORY A

2 units for each of 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.

Preliminary Course fee: \$60

HSC Course fee: \$60 (based on materials required for Body of Work)

What will I be doing in this course?

Visual Arts involves students in artmaking, art criticism and art history. Students critically and historically investigate artworks, critics, historians and artists from Australia as well as those from other cultures, traditions and times.

In the Preliminary Course opportunities focus on:

- the nature of practice in artmaking, art criticism and art history through different investigations
- the role and function of artists, artworks, the world and audiences in the artworld
- the different ways the visual arts may be interpreted 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.

In the HSC Course learning opportunities focus on:

- how students may develop their practice in art making, art criticism, and art history
- how students may develop their own informed points of view in increasingly independent ways and use different interpretive frameworks in their investigations
- how students may learn about the relationships between artists, artworks, the world and audiences within the artworld and apply these to their own investigations
- how students may further develop meaning and focus in their work.

In the Preliminary Course students need to produce:

- artworks in at least two expressive forms and use of a process diary
- a broad investigation of ideas in art making, art criticism and art history.

In the HSC Course students need to produce:

- development of a body of work and use of a process diary
- a minimum of five Case Studies
- deeper and more complex investigations in art making, art criticism and art history.

CATEGORY B COURSES

For students seeking admission to university only one of these Courses may be used in the calculation of your ATAR

NOTE THAT:

- The Vocational Education and Training (VET) Courses have optional Exams.
 - You **MUST** do the HSC Examination if you wish to include it in the calculation of your ATAR
-

The following courses are all Board Developed Courses but only one can be used to calculate your ATAR

Frequently Asked Questions

What does VET mean?

VET means Vocational Education and Training. VET courses are Higher School Certificate (HSC) courses for students which allow the student to gain an HSC and an AQF credential at the same time. School, TAFE and other private providers deliver VET courses.

What is the difference between VET courses and other HSC courses?

- VET courses can deliver dual accreditation, meaning a VET course can give an Australian Qualification Framework (AQF) qualification in addition to units of study counting towards the HSC.
- Learning and assessment focuses on skills and is *competency based*.
- Work placement is compulsory in ALL VET courses.

What is reported on the HSC?

All VET courses are recorded on the HSC. As well, a HSC student receives either an Australian Qualification Framework (AQF) credential or a Statement of Attainment towards an AQF credential with a transcript of the units of competency achieved. Units of competencies are reported to the NSW Education Standards Authority.

What are competencies?

A student is assessed for competency against standards set by industry for skill performance. Being assessed as competent means a student has reached a pre-defined minimum level of work performance in an industry skill area.

Do VET courses count towards the Australian Tertiary Admissions Rank (ATAR)?

VET courses can be included in the HSC pattern of study. All VET Industry Curriculum Framework Courses (ICF), VET Board Developed Courses as well as Accounting (Board Developed Course) are Category B. Only one Category B course can be used in the calculation of the ATAR. In order for a VET course to count towards an ATAR, a student must study a 240 hour course and must sit a written exam for the HSC.

What is the Australian Quality Framework (AQF)?

The AQF broadly refers to national principles, standards for delivery and qualifications in VET. VET is delivered by Registered Training Organisations. Macquarie Park Region (RTO 90222) is currently delivering Vocational Education and Training in 119 schools in the Region.

What are Australian Qualification Framework (AQF) qualifications?

VET qualifications are expressed as AQF levels. They are recognised Australia wide. Students may gain an AQF credential at either Certificate I or II and in some instances either part or all of Certificate III depending on the VET course they study and the units of competency they achieve.

What are Industry Curriculum Frameworks?

NSW Education Standards Authority has packaged VET courses from national Training Packages into courses and units of study for the Higher School Certificate. A student may do a 120-hour course, 240-hour course, and may elect to do a 60 or 120-hour specialisation course.

What is the difference between an Industry Curriculum Framework (ICF) course and a VET Board Endorsed Course (VET BEC)?

ICF courses have a mandatory work placement component and an optional HSC exam that may contribute to the ATAR for admission to university, whereas a VET BEC course has a mandatory work placement. Both of these VET courses contribute to a student's HSC pattern of study.

What are Specialisation Courses?

Specialisation courses are 1 unit or 2 unit extensions added to the 240 hour (2 unit x two years) course. Specialisation courses build upon the normal ICF course and deliver more training towards AQF levels. They may be selected during the HSC year. These units do not count towards the ATAR but do count towards the HSC.

Why is work placement compulsory in ICF courses?

Industry says workplace learning greatly enhances classroom training. Work placement in a 240-hour course is 70 hours (usually done as two one-week blocks, 1 x during the Preliminary course and 1 x during the HSC course). Part-time work may be used to claim Recognition of Prior Learning (RPL) credit. Specialisation courses also have work placement requirements.

Who delivers VET to students?

Registered Training Organisations (RTO) who have VET accredited teachers delivering and assessing VET.

What is Credit Transfer?

Credit Transfer (CT) allows students to seek recognition of their skills and knowledge gained as a result of previous achievement of units of competency and/or a qualification. The relevant VET Coordinator at your school holds application forms.

How do employability skills relate to VET courses?

Employability Skills feature in all units of competency; they are defined as "skills required not only to gain employment, but also to progress within an enterprise so as to achieve one's potential and contribute successfully to enterprise strategic directions". The eight Employability Skills are communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning, and technology. All AQF Certificates or Statements of Attainment achieved by students provide an Employability Skills Summary that lists the elements of each skill that have been identified for the qualification.

What is RPL?

Recognition of Prior Learning (RPL) allows students to seek recognition of their skills and knowledge gained prior to beginning a VET course as a result of formal training, work experience, life experience and part-time work. The relevant VET Coordinator at your school holds application forms.

**STUDY IN A VET ICF COURSE MAY GIVE A STUDENT ACCESS TO THE HSC
AND AN AQF CREDENTIAL, WORKPLACE LEARNING AND AN ATAR.**

ENGLISH STUDIES (ATAR Optional)

CATEGORY B

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: English (Standard); English (Advanced); English (ESL); English (Extension)

This course provides the OPTION of an external examination which will be eligible for inclusion in the calculation of the Australian Tertiary Admission Rank (ATAR).

Who should study this course?

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.

What will I be doing in this course?

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. 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.

Preliminary Course

- **Mandatory Module – Achieving Through English**
- **Modules – 2-3**

HSC Course

- **Common Module – Texts and Human Experiences** (one prescribed text and a range of short texts)
- **Modules – 2-3**

❖ Also included in - **Category A Courses** (English Section, page 15)

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 \$25 (Preliminary) and \$25 (HSC)**

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: \$75 (Preliminary) and \$75 (HSC)**
- **White Card Training: (\$30) Preliminary.**

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 Kitchen Operations (SIT20416)

- 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 & HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- **Consumables: Uniform=\$40 Hire or Purchase Own. Food: \$120 (Preliminary) and \$90 (HSC)**

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 commercial cookery. Occupations in the hospitality industry include hotel receptionist, housekeeper, hotel manager, waiter, bar attendant, kitchen hand, cook and restaurant manager/owner.

Course HSC Structure:

To meet HSC course requirements, students completing the Hospitality (240 indicative hours) course with a kitchen operations and cookery focus must undertake **four mandatory** and **four Kitchen Operations and Cookery stream associated units of competency** (six core and two listed electives for Certificate II in Kitchen Operations) 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
SITXFSA001	Use hygienic practices for food safety (Mandatory)	10
SITXWHS001	Participate in safe work practices (Mandatory)	15
BSBWOR203	Work effectively with others (Mandatory)	15
SITHCCC001	Use food preparation equipment (KO&C Stream)	20
SITHCCC005	Prepare dishes using basic methods of cookery (KO&C Stream)	40
SITHKOP001	Clean kitchen premises and equipment (KO&C Stream)	10
SITXINV002	Maintain the quality of perishable items (Elective)	5
SITHCCC011	Use cookery skills effectively (Elective)	20

Electives – Attempt ALL units

SITHIND002	Source and use information on the hospitality industry (Mandatory)	20
SITXFSA002	Participate in safe food handling practices (KO&C Stream)	15
SITHCCC002	Prepare and present simple dishes (Elective)	20
SITHCCC006	Prepare appetisers and salads (Elective)	25
SITHCCC003	Prepare and present sandwiches (Elective)	10

Additional Units of competency delivered to meet NESA requirements

BSBSUS201	Participate in environmentally sustainable work practices (Elective)	15
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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

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: Uniform:\$25. Food: \$75 (Preliminary) and \$50 (HSC)**

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.

QUALIFICATION: SOA towards Certificate III in Information, Digital Media and Technology (ICT30115)

- Board Developed Course – **NESA Course No: 27301**
- 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: \$25 (Preliminary) and \$25 (HSC)**

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.

HSC Course Structure:

This course consists of five core units of competency and six elective units to achieve the **Statement of Attainment**.

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

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 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.

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 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: \$60 (Preliminary) and \$60 (HSC) |
|---|---|

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.

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.

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	
AHCBIO201	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	Choose these 2 plant units as an option or the 2 animal units below	10
AHCNSY203	Undertake propagation activities		20
AHCLSK211	Provide feed for livestock	Choose these 2 animal units as an option or the 2 plant units above	10
AHCLSK206	Identify and mark livestock		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. 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.

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).

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.

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 III in Retail Services (SIR30216)

- Board Developed Course – **NESA Course No: 26911**
- 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: \$25 (Preliminary) and \$25 (HSC)**

Course Description:

This course provides students with the opportunity to obtain national vocational qualifications for employment in the retail services industry. Students will be able to gain skills in communication, safe work practices, customer service, retail technology, stock control and routine work activities within the retail, wholesale or community pharmacy sectors. Occupations in the retail services industry include sales clerk/assistant, customer service representative, checkout operator, wholesale clerk, pharmacy assistant and retail executive.

HSC Course Structure:

This course consists of eight core units of competency, including two General Selling Stream units and four elective units.

UNITS OF COMPETENCY

Core - Attempt ALL units

Unit code	Unit title	HSC indicative hours of credit
SIRXCEG001	Engage the customer (Mandatory)	20
SIRXCOM002	Work effectively in a team (Mandatory)	15
SIRXWHS002	Contribute to workplace health and safety (Mandatory)	15
SIRXRSK001	Identify and respond to security risks (Mandatory)	15
SIRXSLS001	Sell to the retail customer (Mandatory)	15
SIRXIND001	Work effectively in a service environment (Mandatory)	20
SIRXCEG002	Assist with customer difficulties (Elective)	20
SIRXCEG003	Build customer relationships and loyalty (Elective)	20

Electives

SIRXPDK001	Advise on products and services (Mandatory- general selling stream)	20
SIRRMER001	Produce visual merchandise displays (Mandatory- general selling stream)	20
SIRXSLS002	Follow point-of-sale procedures (Mandatory)	20
SIRRINV001	Receive and handle retail stock (Elective)	15
SIRRINV002	Control stock (Elective)	20
SIRXIND002	Organise and maintain the store environment (Elective)	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 Retail related industry workplace (35 hours in each of Years 11 and 12). It is permissible for up to 50% to be undertaken in other retail environments intended for public performance, including school productions.

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.

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.

NON-ATAR CATEGORY BOARD ENDORSED COURSES

Students can choose a maximum of three Courses from these pages.

These Courses **DO NOT** have an HSC Exam at the end of Year 12.

These Courses **DO NOT** count towards your ATAR.

Courses will be subject to availability

EXPLORING EARLY CHILDHOOD

NON CATEGORY

Content Endorsed Course

2 units for each of Preliminary and HSC

Content Endorsed Course

Exclusions: Nil

Course fee: \$30

What will I be doing in this course?

Students will develop knowledge and understanding of development and related issues within an early childhood context. It provides the opportunity to consider a range of issues in relation to the individual student, their family and the community. As well as reflecting on the personal relevance of childhood issues, students are encouraged to consider the implications for future interactions with children, be these as a parent, friend, carer or educator.

In the Preliminary Course students will study:

- Learning Experiences for Young Children,
- Play and the Developing Child,
- Starting School,
- Gender and Young Children,
- Children and Change,
- Children of Aboriginal and Torres Strait Islander Communities,
- Historical and Cultural Contexts of Childhood

In the HSC Course students will study:

- The Children's Services Industry,
- Young Children and Media,
- Young Children and the Law
- Children's Literature,
- Food and Nutrition,
- Child Health and Safety,
- Young Children with Special Needs
- Young Children and the Law,
- Children's Literature,

It is mandatory that students undertake practical activities. Such experiential learning activities are specified in the 'learn to' section of each strand

MARINE STUDIES

NON CATEGORY

School Based Course

Content Endorsed Course

Exclusions: Nil

The oceans cover more than 70 per cent of the earth's surface and influence all forms of life on this planet. Oceans are alternatively viewed as areas rich in minerals and marine life which can supply our needs virtually without limit, or as convenient dumping grounds for agricultural, industrial and domestic waste.

The growing demands of urbanisation, industry, recreation and tourism have increased the pressures on marine facilities and our fragile water ecosystems. There is a need for wise management practices and a responsible, realistic approach to conservation of marine resources now and into the twenty first century.

Marine Studies provides an opportunity for students to view these issues in a comprehensive and global perspective.

Marine Studies provides an educational context, linked to the needs of a significantly coastal and waterways based population, fostering links to tertiary study and vocational pathways. Further, this syllabus brings a wide range of marine based leisure experiences to students in a safe setting. Marine Studies provides for both practical and theoretical learning, honing students' acquired skills to solve real life problems.

Through Marine Studies students will develop:

- knowledge, understanding and appreciation that promote sound environmental practices in the marine environment
- the ability to cooperatively manage activities and communicate in a marine context
- an ability to apply the skills of critical thinking, research and analysis
- knowledge and understanding of marine industries and their interaction with society and with leisure pursuits
- knowledge, understanding and skills in safe practices in the marine context

QUALIFICATION: : Certificate II in Sport Coaching SIS20513

- Board Endorsed Course- **NESA No: 50402**
- 35 hours mandatory work placement
- No HSC Examination for this course
- A total of 4 units of credit – Preliminary and/or HSC
- Does not contribute towards an Australian Tertiary Admission Rank (ATAR)
- **Consumables: \$50 (Preliminary) and \$50 (HSC)**

Course Description: This course is designed for students who wish to develop knowledge and skills to commence a career and be an effective employee in the sports education and coaching industries.

HSC Course Structure:

This course consists of eight core units of competency and seven or eight elective units depending on specialist electives chosen.

UNITS OF COMPETENCY

Core – attempt all units

Unit code	Unit title	HSC indicative hours of credit
BSBWOR202A	Organise and complete daily work activities	15
HLTAID003	Provide first aid (outsourced extra \$ cost involved)	20
SISSCO101	Develop and update knowledge of coaching practices	20
SISSCO202	Coach beginner or novice participants to develop fundamental motor skills	20
SISSDE201	Communicate effectively with others in a sport environment	15
SIXCAI102A	Assist in preparing and conducting sport and recreation sessions	15
SIXIND211	Develop and update sport, fitness and recreation industry knowledge	20
SIXWHS101	Follow work health and safety policies	15

Electives - Attempt ALL elective units below and only ONE Specialisation Group

SISSPT201A	Implement sports injury prevention	15
SIXCAI101A	Provide equipment for activities	10
ICPDMT263	Access and use the Internet	10
SISSPT303A	Conduct basic warm-up and cool-down programs	15
SISSOF101	Develop and update officiating knowledge	10

Group 1 - Basketball Specialisation

SISSBSB201A	Teach fundamental basketball skills	25
SISSBSB202A	Teach fundamental basketball tactics and game strategy	20
SISSBSB205	Interpret and apply the rules of basketball	15

Group 2 - Netball Specialisation OR

SISSNTB204A	Teach foundation netball skills	25
SISSNTB203A	Participate in conditioning for netball	15

Group 3 - Athletics Specialisation OR

SISSATH201A	Teach the fundamental skills of athletics	25
SISSOF203	Judge competitive situations	20

Group 4 - Rugby League Specialisation OR

SISSRGL204A	Teach the skills of Rugby League for modified games	25
SISSRGL203A	Participate in conditioning for Rugby League	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. This Board Endorsed Course includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.

Work placement: Students must complete a minimum of 35 hours work placement in a Sport Coaching related industry workplace over the duration of the course.

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

SPORT, LIFESTYLE and RECREATION

NON CATEGORY

2 units for each of Preliminary and HSC

Content Endorsed Course

Exclusions: First Aid in PDHPE, Sports Coaching or Human Services VET

Course fee: \$15

What will I be doing in this course?

Sport, Lifestyle and Recreation enables Stage 6 students to build upon their learning in Years K–10 Personal Development, Health and Physical Education. Specifically, it focuses on those aspects of the learning area that relate most closely to participation in sport and physical activity.

The benefits of physical activity for the individual and the community as a whole are well documented. The individual can benefit from increased fitness and reduced incidence of lifestyle diseases such as cardiovascular and respiratory disease, obesity, diabetes mellitus, and osteoporosis. These benefits are complemented by positive psychological and social outcomes that characterise quality of life.

In the Preliminary and HSC Course, students will study:

It is normal for a variety of the following areas to be incorporated into each of the student's assessment tasks. Past tasks and activities have seen students organize school sporting competitions. Gain accreditation in officiating and coaching teams, and develop their own personal skill level.

A number of the following units based on students' interest and skill level will be selected as focus areas throughout both the Preliminary and HSC courses.

- Aquatics
- Athletics
- Dance
- First Aid and Sport Injuries
- Fitness
- Games and Sport Applications
- Gymnastics
- Outdoor Recreation
- Sports Coaching
- Sport Administration
- Resistance Training
- Social Perspectives of sport

Work Studies

NON CATEGORY

2 units for each of Preliminary and HSC

Content Endorsed Course

Exclusions: Nil

Over the course of the Preliminary and HSC year, students will study one core unit:

Core 1: My Working Life

Students will then select from the following 11 elective course modules which explore issues about work and work related skills:

Course Modules

1. In the Workplace.
2. Preparing Job Applications.
3. Workplace Communication .
4. Teamwork and Enterprise Skills.
5. Managing Work and Life Commitments.
6. Personal Finance.
7. * Workplace Issues (the prerequisite module is In the Workplace).
8. * Self-Employment (the prerequisite module is Managing Work and Life Commitments).
9. * Team Enterprise Project (the prerequisite module is Teamwork and Enterprise Skills).
10. Experiencing Work (one or two of these modules may be undertaken provided that they do not exceed 50 percent of course time).
11. School-Developed Module (one or two of these modules may be undertaken, provided that they do not exceed 25 percent of course time). Modules 7, 8 and 9, indicated by an asterisk, require the completion of prerequisite modules or appropriate prior learning.

The Work Studies CEC syllabus is designed to assist students in their transition from school to work. It develops knowledge and understanding of the issues faced by students in the transition to work and the skills needed for effective career planning and performance of tasks in the work environment. Integral to the Work Studies syllabus is a focus on the development of essential workplace skills. They are central to the core module and each of the elective modules. Students have an opportunity to practise these skills in appropriate work contexts. The Work Studies course will assist students:

- recognise the links between education, training, work and lifestyle, and to recognise the economic and social factors that affect work opportunities
- develop an understanding of the changing nature of work and the implications for individuals and society
- undertake work placement to allow for the development of specific job-related skills
 - acquire general work-related knowledge, skills and attitudes, transferable across different occupations
- develop their skills in accessing work-related information, presenting themselves to potential employers, and functioning effectively in the workplace.

**TRADE
TRAINING
CENTRE
COURSES**

**INFORMATION &
APPLICATION**

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 1 years (Preliminary and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables - \$ 300.00

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 Kitchen Operations (SIT20416)

- 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 1 years (Preliminary & HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables: \$ 300.00

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 commercial cookery. Occupations in the hospitality industry include hotel receptionist, housekeeper, hotel manager, waiter, bar attendant, kitchen hand, cook and restaurant manager/owner.

Course HSC Structure:

To meet HSC course requirements, students completing the Hospitality (240 indicative hours) course with a kitchen operations and cookery focus must undertake **four mandatory** and **four Kitchen Operations and Cookery stream associated units of competency** (six core and two listed electives for Certificate II in Kitchen Operations) 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
SITXFSA001	Use hygienic practices for food safety (Mandatory)	10
SITXWHS001	Participate in safe work practices (Mandatory)	15
BSBWOR203	Work effectively with others (Mandatory)	15
SITHCCC001	Use food preparation equipment (KO&C Stream)	20
SITHCCC005	Prepare dishes using basic methods of cookery (KO&C Stream)	40
SITHKOP001	Clean kitchen premises and equipment (KO&C Stream)	10
SITXINV002	Maintain the quality of perishable items (Elective)	5
SITHCCC011	Use cookery skills effectively (Elective)	20

Electives – Attempt ALL units

SITHIND002	Source and use information on the hospitality industry (Mandatory)	20
SITXFSA002	Participate in safe food handling practices (KO&C Stream)	15
SITHCCC002	Prepare and present simple dishes (Elective)	20
SITHCCC006	Prepare appetisers and salads (Elective)	25
SITHCCC003	Prepare and present sandwiches (Elective)	10

Additional Units of competency delivered to meet NESA requirements

BSBSUS201	Participate in environmentally sustainable work practices (Elective)	15
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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

QUALIFICATION: Certificate I in Engineering (MEM10105)

- Board Developed Course – **NESA Course No:26702**
- 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 – 4 units x 1 years (Preliminary and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables - TBA

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. This course is delivered as a **compressed** model 4units in one year.

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 (70 hours in one year).

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)

- Board Developed Course – NESA Course No: **26811**
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses – nil
- A total of 4 units of credit – 4 units x 1 years (Preliminary and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables \$ 300.00

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.

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.

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	
AHCBIO201	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	Choose these 2 plant units as an option or the 2 animal units below	10
AHCNSY203	Undertake propagation activities		20
AHCLSK211	Provide feed for livestock	Choose these 2 animal units as an option or the 2 plant units above	10
AHCLSK206	Identify and mark livestock		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. 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.

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).

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.

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.



NSW DEPARTMENT OF EDUCATION
Lakes Community Trade Training Centre

HISTORY AND INFORMATION

The *Trade Training Centres in Schools Program* is a Commonwealth Government initiative which has enabled the Lakes Cluster of schools to gain funding to offer this program of study. Funding is provided through an annual national application process for which this cluster has been granted approximately 9 million dollars.

The Lakes Community Trade Training Centre commenced courses in 2011 and is composed of six schools (Wadalba Community School, Northlakes High School, Gorokan High School, Lake Munmorah High School, Wyong High School and Lakes Grammar - An Anglican School) and allows for a range of Vocational Education and Training courses to be undertaken by students across a variety of campuses. Students have the opportunity to apply and study at the appropriate campus on a Monday and Wednesday afternoon as listed below.

Construction – Wadalba Community School – Monday and Wednesdays 2:30pm – 5:30pm

Construction – Lake Munmorah High School – Monday and Wednesdays 2:00pm – 5:00pm

Hospitality – Northlakes High School – Monday and Wednesdays 2:30pm – 5:30pm

Metals and Engineering – Gorokan High School – Monday and Wednesdays 2:30pm – 5:30pm

Primary Industries – Wyong High School – Monday and Wednesdays 2:00pm – 5:00pm

At the conclusion of study (one calendar year comprising Terms 1-4) the students will have completed a range of competencies and gained a Certificate I or II in their field and also gained a range of competencies leading towards a Certificate III. Only Year 11 Preliminary students at the six schools are eligible to apply on the application form provided.

This program has been extremely successful to date. We have had nearly 100% of our students successfully gain either employment or apprenticeships either in the field they are studying or related industries.

The work related skills the students experience are excellent and form a solid base for their future careers. The fact that the schools maintain a high profile with the local community and industries means that students are exposed to meaningful experiences in the work force which can be translated into any field they wish to choose as their career pathway.

The industry area which are offered by the Trade Training Schools are staffed by committed, industry qualified teachers. All TTC teachers have a strong industry base where they have worked in related fields for a lengthy period of time. They are fully qualified trades people teaching the students, with a long industry history.

You must complete terms 1, 2 and 3 (120hrs) of Year 11 which may enable you to receive a *Statement of Attainment towards Certificate II* (this counts as 2 Preliminary units for NESA)

THEN

Continue studying in Term 4 (in the same calendar year) and provided you are deemed competent, you may be eligible for a *Certificate I or II Qualification*. (This counts as 2 HSC units for NESA and enables you to sit the optional HSC exam if you wish). Thus students may complete 2 units for their HSC by the end of year 11.

What is the Trade Training Centre SVET scheme?

If you choose this training option and are successful in your application, it may allow you to obtain a Certificate II qualification in one of the four frameworks on offer. That is, you could complete this qualification in one year instead of two.

What courses are on offer?

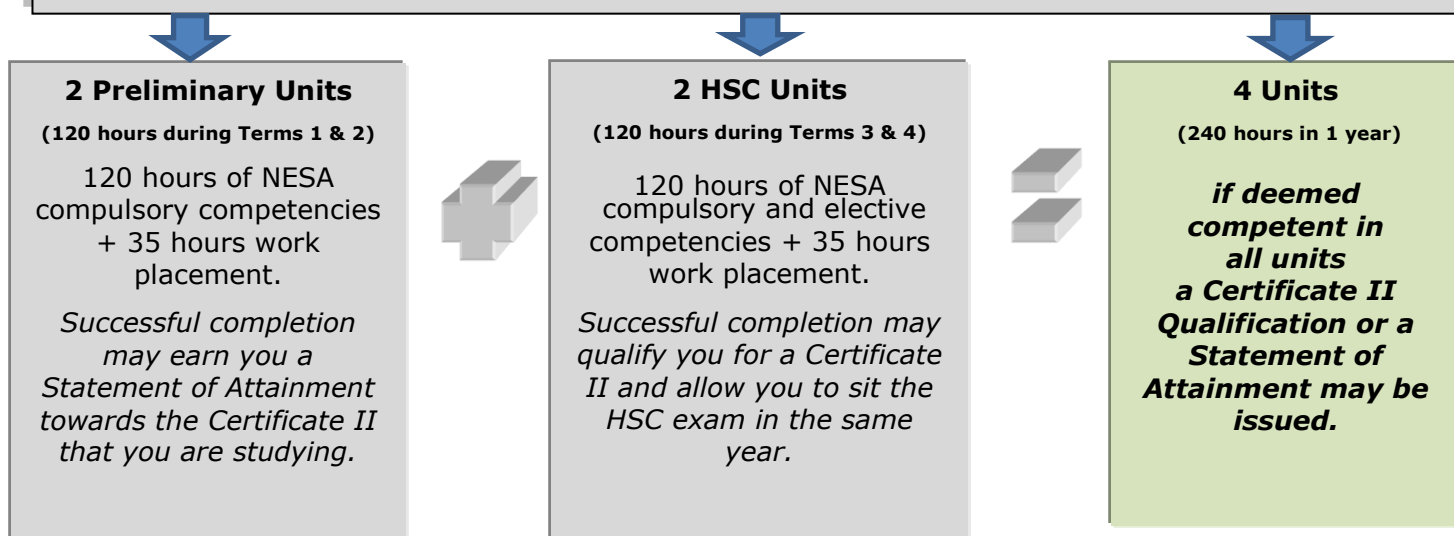
CONSTRUCTION @ Wadalba Community School (Monday and Wednesday 2:30pm – 5:30 pm) \$300	METAL AND ENGINEERING @Gorokan High School (Monday and Wednesday 2:30pm – 5:30 pm) \$300
CONSTRUCTION @Lake Munmorah High School (Monday and Wednesday 2.00pm – 5.00pm) \$300	PRIMARY INDUSTRIES @ Wyong High School (Monday and Wednesday 2:00pm – 5:00 pm) \$200 (plus students purchase own WHS Uniform)
HOSPITALITY @ Northlakes High School (Monday and Wednesday 2:30pm – 5:30 pm) \$300 (plus students to purchase Hospitality approved leather boots or shoes.)	

How do I complete a Certificate II in one year?

Trade Training Centre SVET Program:

You must complete terms 1 & 2 (120 hours) of Year 11 which may enable you to receive a *Statement of Attainment towards Certificate II* (this counts as 2 Preliminary units for BOS)
 THEN

Continue studying in Terms 3 & 4 (in the same calendar year) and provided you are deemed competent, you may be eligible for a *Certificate I or II Qualification*
 (This counts as 2 HSC units for BOS and enables you to sit the optional HSC exam if you wish).



*For more information please contact your Careers Adviser or Trade Training Centre Coordinator.



NSW DEPARTMENT OF EDUCATION

Lakes Community Trade Training Centre

TTC APPLICATION INFORMATION - for 2018 Cohort.

Instructions and Information

All Trade Training Centre courses will run on Monday and Wednesday afternoons from 2:30pm to 5:30pm at the host school. The exceptions to this are Construction at Lake Munmorah and Primary Industries at Wyong- which will run on Monday and Wednesdays from 2pm to 5pm.

Trade Training Centre courses are conducted in Terms 1-4 of your Preliminary year (entire course is completed in one calendar year). At the successful conclusion of your study you will have completed 2 units of Preliminary AND 2 units of HSC study leading up to a Certificate I or II in your chosen area.

Each course has a compulsory fee, this fee accounts for ongoing costs, consumables and uniform. All successful applicants will be supplied with an appropriate uniform for Work Health and Safety (WHS).

This application form **MUST** be completed and submitted to the appropriate personnel at your school for submission. **Please note that all applications MUST be lodged by Friday 13th October 2017, Term 4 and MUST also include a \$150 deposit (this is refundable for unsuccessful applications).**

Successful applicants will have a uniform fitting Wednesday 25th October 2017 Term 4 at Gorokan High School Library **The balance of the course fee must be paid by Friday December 1st, Term 4.** If full fees are not paid by this time, your place in the course may be declared vacant and a student from the reserve list may be offered the position.

Any student withdrawing from their course in Term 1 may apply to the Principal of the host school for a partial refund. Anyone withdrawing after Term 1 will not be eligible for any refund.

Each application will be ranked within the school and submitted to the Trade Training Centre Management Group for approval.

Home School Information – Wadalba Community School

Address: Orchid Way
WADALBA NSW 2259

Ph: 4356 2888

TTC Contact: Renae Newell

Email: renae.newell@det.nsw.edu.au



Lakes Community Trade Training Centre TCC APPLICATION FORM 2018

1. Personal Details

Name: Family Name - _____ Given Name - _____

Date of Birth - _____ Gender – (Male/Female) _____

Home Address: Number and street _____

Suburb _____ Postcode _____

Home Ph - _____ Student Mob - _____ Parent Mob: _____

Student Email: _____ Parent Email: _____

School: _____

(Complete all areas of information)

2. Course Choice

List the course and Campus/Location that you are interested in from the list below.

Construction – Wadalba Community School (Fee Cost - \$300)

Construction – Lake Munmorah High School (Fee Cost - \$300)

Hospitality (Commercial Cookery) – Northlakes High School (Fee Cost - \$300 + student to buy hospitality approved leather boots or shoes).

Metals and Engineering – Gorokan High School (Fee Cost - \$300)

Primary Industries – Wyong High School (Fee Cost - \$200 + supply own WHS uniform)

First Preference

Course - _____ Campus / Location - _____

Second Preference

Course - _____ Campus / Location - _____

3. Declaration and Consent

- (a) I declare that all information provided is true.
- (b) I understand that each course requires full payment of a compulsory fee. This fee is to be paid upon acceptance.
- (c) I understand that I will be required to attend on Monday and Wednesday afternoons at a designated campus.
- (d) I understand that I will be responsible for transport to and from each campus / location.
- (e) I understand that my personal information will be available to the Department of Education.
- (f) I understand there is an application fee of \$150.
- (g) I understand the course will involve 70 hours of work placement.
- (h) I understand that I am to abide by all DEC policies.

Student Signature

Parent / Guardian / Carer Signature

Principal recommendations (office use only):



Lakes Community Trade Training Centre

Application Questions

As part of the application process for the Trade Training Centre VET course, you must submit a copy of your resume and the answers to the following questions to your principal by Week 1 Term 4 this year. Failure to do so may result in your application being rejected.

Questions

1. Why do you want to participate in this course?

2. What skills/knowledge do you think you will learn in this course?

3. What is PPE, and why do you think it is mandatory for this course?

4. You must do 2 weeks unpaid work placement as part of this course. What does work placement involve, and are you willing to do this?

5. How will you keep yourself enthused and energised (turning up to ALL lessons, completing all set tasks, etc) throughout this intensive course?

6. What times/days is your Trade Training Course running?

7. How will you get to and from the course?

8. What should you do if you cannot attend a particular lesson?

9. Briefly explain why you would be suitable for this course?

10. Are there any further points you wish to add to your application?

Student Name (Printed): _____

Signed (Student signature): _____ Date: _____



Wadalba Community School