



Senior Subject
Selection Guide
2018



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Education
Public Schools

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General Information

This is your introduction to the Higher School Certificate (HSC) and the many options which are available to you. More information is contained in the New South Wales Education Standards Authority (NESA) publication *Studying for the New South Wales Higher School Certificate – An Information Booklet for Year 10 Students*.

- The Higher School Certificate recognises 13 years of schooling. In the interests of greater career choices and increased opportunities at university and TAFE, it offers you a full range of study areas matching individual abilities, interests and goals.
- Courses are linked to further education and training.
- Extension courses (including undergraduate university courses) will enable students to undertake more in-depth study in areas of special interest.
- Vocational Education and Training courses will count towards the HSC and will also lead to qualifications recognised across a range of industries.
- The HSC will fairly assess each student's knowledge and skills.
- If you meet the minimum standard expected in a course you will receive a mark of 50. If you have a higher standard of performance you will receive a higher mark.
- For each course you will receive reports which provide clearer indications of what you have demonstrated you know, understand and can do in each course, as well as areas for improvement.

Senior 2 unit courses comprise two components:

The Preliminary Course: This course will usually terminate at the end of Term 3 in Year 11. Satisfactory completion of it or its equivalent is a pre-requisite for entry into the HSC course.

The HSC Course: This course will usually begin at the start of term 4 in Year 11 and continue through to the HSC examinations in October of Year 12.

Pathways of study in senior years

At Toormina High School, pathways of study for senior students fit into one of the following categories, depending upon the student's academic ability, career aspirations, interests and skills:

The **HSC course/ ATAR pathway** means students are studying at least 10 units of Board Developed Courses, and they are eligible to apply for an ATAR and attend University. They may include one VET course in these 10 units.

The **HSC course/ NON ATAR pathway** means that students are studying at least 10 units which may be a combination of Board Developed and Board Endorsed Courses. They are not eligible to apply for an ATAR or attend University straight from school. They are more likely to have career aspirations which include TAFE or on the job training. Students are reminded that there are other pathways to university for mature aged students should they change their mind in future years.

The **Year 12 Certificate of Attainment** means that students are studying courses which are mostly Board Endorsed and may include time at TAFE. These students are generally keen to exit school to employment once they turn 17 years.

Types of courses in Years 11 and 12

Board Developed Courses

These courses were developed by writing teams from the New South Wales Education Standards Authority (NESA). All students entered for the HSC who are studying these courses follow the same syllabuses. Courses are examined externally at the end of the HSC course and can count towards the calculation of the Australian Tertiary Admission Rank (ATAR).

Board Endorsed Courses

These courses have syllabuses endorsed by the New South Wales Education Standards Authority to cater for areas of special interest not covered above. A number of HSC TAFE delivered VET (Vocational Education and Training) courses are Content Endorsed Courses. Some Board Endorsed Courses are one-year courses.

There is no external examination for any Content Endorsed Course but all Board Endorsed Courses count towards the Higher School Certificate and appear on your Record of Achievement. Board Endorsed Courses **do not** count in the calculation of the ATAR.

Vocational Education and Training

These are Board Developed Courses which are based on National Training Packages. They can provide dual accreditation for students, i.e. VET qualifications and HSC unit credit. Some can lead to providing an ATAR, and some have optional exams.

Importantly these courses have a **mandatory** work placement requirement of 70 hours over the 240-hour/2-year course.

Further information about VET and TVET courses appears in a separate handbook available at the Careers Office.

What are units?

All courses offered for the HSC have a unit value of either 1 or 2 units. Most courses are 2 units.

Each unit involves class time of approximately 2 hours per week, and a mark value of 50 marks; so a 2 unit course will be worth 100 marks in the HSC and be studied for approximately 120 hours.

Extension Courses

Extension study is available in some courses at HSC level. They build upon the content of the 2 unit course and carry an additional value of 1 unit in general.

English and Mathematics extension courses are available at both Preliminary and HSC levels. Students must study the Preliminary extension course before proceeding to the extension course in the HSC.

Extension 2 courses in these subjects require students to work beyond the standard for the extension 1 course.

Stage 6 Program of Study (SPS) for Students with Special Needs

Students following a Stage 6 SPS will be eligible for the HSC, but NOT an ATAR.

Eligibility Requirements

Most students, who meet the eligibility requirements, will have an intellectual disability. They will have completed:

- at least 4 Life Skills courses for Stage 5
- an individual transition planning process

Under special conditions students will be allowed to access Stage 6 SPS courses if they have:

- a deteriorating medical condition
- experienced significant difficulty in attempting the regular syllabuses in Stage 5
- transferred from overseas

More information regarding this course of study is in the Senior Handbook.

Requirements for the award of the HSC

If you wish to be awarded the HSC you must have:

- Satisfactorily completed courses that meet the pattern of study required by the New South Wales Education Standards Authority including completion of practical, assessment and project works required for each course.
- Sat for and made a serious attempt at the HSC examinations
- Studied a minimum of 12 units at the preliminary course and a minimum of 10 units at the HSC course level. These must include:
 - At least 6 units of Board developed courses including 2 units of English (except English studies)
 - At least three courses of 2 units or greater
 - At least four subjects (only 6 units of courses in Science can contribute to eligibility)

The NESAs publication *Studying for the New South Wales Higher School Certificate – An information Booklet for Year 10 students* contains all relevant information.

Key considerations for choice

Abilities – choose subject in which you are capable of doing well.

Interests – choose what interests you.....not your friends.

Career aspirations and needs – be realistic about your career and subject choices

Seek advice – choose carefully as most courses extend over 2 years.

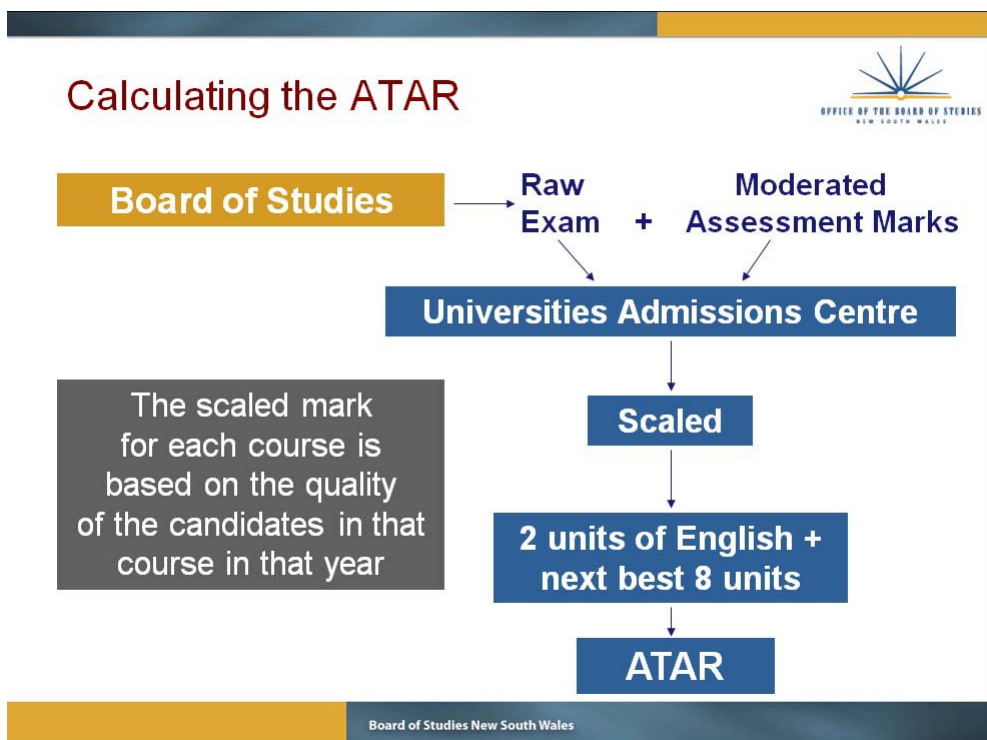
University Admission

To enter university study from high school, you need to qualify for the Australian Tertiary Admission Rank – ATAR- calculated by universities in order to determine admission to degree or diploma programs.

If you wish to receive an ATAR you must complete the requirements for award of the HSC.

Only 2 units of 'Category B' courses can be included in the calculation of the ATAR. Category B courses (all 2 unit value):

Accounting; Business Services; Construction; Entertainment; Information Technology; Metals and Engineering; Primary Industries; Retail; Hospitality; Tourism.



The booklet *University Entry Requirements for Year 10 students*, published by the Universities Admission Centre (UAC) will contain important information regarding university courses pre-requisites and other information to assist in subject choices in preparation for university entry.

Further important information

- A number of subjects include a requirement for project work for internal or external assessment. These include Visual Arts, Drama, Dance, Community and Family Studies, Industrial Technology and Society and Culture. These can be very time consuming and require good time management skills, particularly when completing more than one project. Projects developed for assessment in one course may not be used in full or part for another course.
- Students studying Industrial Technology (Metals and Engineering Industries) cannot study courses relating to Metal and Engineering Industry framework.
- Students studying Industrial Technology (Automotive) cannot study TAFE delivered Automotive courses.
- There is only one History extension course. It is studied with either Ancient or Modern History, but not both.
- You may not include any more than 6 units of the following Science courses: Biology, Chemistry, Earth & Environmental Science, Physics and Investigating Science in meeting the 12 Preliminary or 10 HSC units. The course Investigating Science may **NOT** be taken as a Preliminary course with **any** of the other Science courses.
- You must study Music course 2 if you wish to study extension Music.

Additional information about courses and patterns of study is available on the New South Wales Education Standards Authority website

Summary of opportunities for Year 11 students in 2017:

OTEN and Open High Schools offer a range of VET and traditional HSC courses by distance education. Some courses may require some block work.

School Based Traineeship or Apprenticeship (SBAT): students receive paid employment as a Trainee or Apprentice while they are completing the HSC. They will study a Vocational Course either at school or at TAFE. Study at TAFE is usually in the full time apprentice class one day per week.

Specialised pattern of study: This will be available for students who want to complete Year 12 with qualifications to improve chances of employment. Most courses will involve skills and school based assessment, with no HSC exams involved. Work Studies - a 2 unit HSC course that provides an opportunity to be involved in work experience will be included.

VET/TVET: Courses delivered mainly as 2 units of study towards the HSC. Each course provides an additional vocational qualification ranging from TAFE Statement to Certificate III.

Summer School Courses: TAFE offer fast track 4 unit / Certificate II courses in Hairdressing, Aged Care Traineeship and Electro technology. Students attend these courses during the summer vacation period then TAFE during the normal TVET time.

Pathways: This allows students to complete the HSC over an extended period by doing a reduced load each year for up to 5 years.

The HSC Portfolio

The HSC portfolio will provide you with detailed descriptions of the knowledge and skills you have attained in each subject.

School based assessment tasks will contribute 50% of your HSC mark. The other 50% will come from the HSC examination. The HSC mark for 2 unit courses will be reported on a scale of 0 to 100, with a mark of 50 representing the minimum standard in a course.

There are five performance bands above 50, with the highest band (6) corresponding to a mark of 90 to 100.

On satisfactory completion of your HSC you will receive a portfolio containing

- The HSC testamur which is the official certificate
- The HSC record of achievement detailing moderated assessment marks, examination marks, HSC mark and performance band.
- HSC course reports detailing your results, band descriptions and a statewide graph showing distribution of marks for each subject studied.
- Students who have studied vocational courses will also receive separate documentation detailing their achievements.

Life Skills students will receive a profile of student achievement.

Samples of these credentials are available on the NESAs website.

AGRICULTURE

Board Developed Course
Category A
2 UNIT



What will I be doing in this course?

The preliminary course covers an overview of Australian agriculture, a farm study and plant and animal agriculture. The HSC course develops the animal and plant work further, and looks specifically at a farm product. Students have the option to study one of three electives.

How will I be assessed?

HSC Assessment is on the **HSC course only**.

External Assessment	Weighting	Internal Assessment	Weighting
A three hour written examination:	80	Plant/Animal Production Exam	50
Core questions	20	Farm Product Study	30
Two questions from the elective they have studied		1 Elective from the following topics: <ul style="list-style-type: none">• Agri-food, Fibre and Fuel Technologies• Climate Challenge• Farming for the 21st Century	20
	100		100

How will this course help me in the future?

Agriculture has strong links with the science courses, particularly biology. It can lead to careers in rural sciences, horticulture, greens keeping, and veterinary science.

What else do I need to know?

Agriculture is a rigorous 2 Unit course requiring enthusiasm, effort and an interest in the rural environment. Practical experiences occupy at least 30% of the time.

Who should I contact for further information?

Dr Willhoite in the Science Staffroom

ANCIENT HISTORY

Board Developed Course

Category A

2 UNIT



What will I be doing in this course?

Ancient History is an enquiry into past experiences and aims to help students understand the forces that have shaped the ancient world. In this course you will learn not only what happened in the past, but you will consider motives, causes, problems and consequences, through an evaluation various types of historical sources.

Preliminary Course

Investigating Ancient History

The course comprises four areas:

1. The Nature of Ancient History, which includes: The Investigation of Ancient Sites and Sources; Historical Authentication and Reliability; the Representation of the Ancient Past; Preservation, Conservation and/or Reconstruction of Ancient Sites; Cultural Heritage and the Role of Museums; the Treatment and Display of Human Remains.
2. Case studies – at least two and one must be from Egypt, Greece, Rome or Celtic Europe and one must be from the Near East, Asia , the Americas or Australia
3. Features of Ancient Societies – students study at least two ancient societies.
4. Historical Investigation – an individual research project

HSC Course

The HSC course is divided into four areas of study

1. Core Study – Cities of Vesuvius-Pompeii and Herculaneum in the historical and geographical context of the volcanic eruption in AD 79; the life of the people before and after the eruption and the excavations by treasure hunters and archaeologists.
2. Ancient Societies - The course requires study from the following areas: Egypt; Near East; China; Greece; Rome.
3. Personalities and their Times- students study a personality from the following list: Egypt – Hatshepsut; Egypt – Akhenaten; The Near East – Sennacherib; The Near East – Xerxes; China – Qin Shi Huangdi; Greece – Pericles; Greece – Alexander the Great; Rome – Tiberius Gracchus or Julius Caesar or Agrippina the Younger.

4. Historical periods- students study one from the following list: New Kingdom Egypt; Israel from Solomon to the fall of Samaria; Persian society at the time of Darius and Xerxes, Society in China during the Han Dynasty 206 BC–AD 220, Bronze Age – Minoan Crete; Bronze Age – Minoan Crete; Spartan society to the Battle of Leuctra 371 BC; Spartan society to the Battle of Leuctra 371 BC; Athenian society in the time of Pericles.

A History Extension course could be offered in Year 12.

How will I be assessed?

A range of assessments including research projects, multimedia presentations, essays and seminar papers, source studies role plays and dramatic recreations of events.

How will this course help me in the future?

Ancient History develops excellent communication skills and teaches you to research and analyse material. Such a background is valuable for Law, Journalism, Communication, Advertising and Marketing, Personnel Management, Travel and Tourism, the Diplomatic Service and the Public Sector. As well, Education, Librarianship and Archaeology are possible career choices.

What else do I need to know?

An interest in learning to write essays and long answer responses is essential as the HSC requires some essay type answers.

Who should I contact for further information?

Ms Kedraika or Ms Cutter in the HSIE staffroom

BIOLOGY

Board Developed Course
Duration: 2 Year School
Delivered Category A



What will I be doing in this course?

The Biology course in years 11 and 12 will be exploring 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. Applications of biology and its significance in finding solutions to health and sustainability issues in a changing world are also important areas covered in this science practical course.

Students will also be developing skills in the module 'Working Scientifically'. Scientific investigative skills are a key focus with emphasis 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.

A depth study is required in both year 11 and 12 courses which will allow students to undertake an investigation as a single investigation/activity or series of investigations/activities.

The depth study may be designed for the course cohort or a single class or be determined by individual students.

		Modules	Indicative hours	Depth studies
Year 11 course (120 hours)	Working Scientifically Skills	Module 1 Cells as the Basis of Life	60	*15 hours in Modules 1–4
		Module 2 Organisation of Living Things		
		Module 3 Biological Diversity	60	
		Module 4 Ecosystem Dynamics		

		Module	Indicative hours	Depth studies
Year 12 course (120 hours)	Working Scientifically Skills	Module 5 Heredity	60	*15 hours in Modules 5–8
		Module 6 Genetic Change		
		Module 7 Infectious Disease	60	
		Module 8 Non-infectious Disease and Disorders		

*15 hours must be allocated to depth studies within the 120 indicative course hours.

How will I be assessed?

Students will be assessed with school based assessments including a depth study in both years and an external examination in year 12.

How will this course help me in the future?

The course provides the knowledge and skills required to study biology, 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.

When combined with Chemistry and/or Physics, Biology provides an entry into careers in Medicine, Health, Science, Forestry and Ecology, future STEM jobs just to name but a few. Studied alone, the course is useful in planning for many career areas such as Nursing, Food Technology, Family Studies and Teaching. Please check your career options carefully.

What else do I need to know?

Biology is a rigorous course, requiring enthusiasm, effort and an enjoyment of science. The courses include a field studies; laboratory investigations and there are costs for field excursions.

Who should I contact for further information?

Mrs Bryant and Mr Ryan in the Science Department.

BUSINESS STUDIES

Board Developed Course
Duration: 2 Year School Delivered
Category A



What will I be doing in this course?

Business activity is a feature of everyone's life. As consumers and producers, employees, employers or self-employed, savers and investors, and as importers and exporters, people throughout the world engage in a web of business activities to design, produce, market, deliver and support a range of goods and services. Business Studies makes a significant contribution to the ability to participate effectively in the business environment. Students completing this course will develop general and specific skills including research, analysis, problem solving, decision-making, critical thinking and communication. These skills enhance students' confidence and ability to participate effectively, not only as members of the business world, but as informed citizens dealing with issues emanating from business activity that impact on their lives.

Preliminary Course

The Nature of Business; Business Management; Business Planning.

The Preliminary course is based on a study of four compulsory topics and the completion of a Business research Task. The Business Research Task is a project undertaken throughout the course to support course concepts.

HSC Course Structure

Operations; Marketing; Finance; Human Resources.

How will I be assessed?

Students will be assessed through class tests and reports, examinations and an external exam.

How will this course help me in the future?

Students will have a sound knowledge of how businesses operate and the role of management in running businesses. The course will aid students in bridging the gap between school and work. The course will help students who wish to pursue business studies at University and TAFE as well as preparing them to make informed, ethical and responsible decisions in the business world.

Who should I contact for further information?

Mr Greenway in the HSIE Staffroom.

CHEMISTRY

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

The Chemistry course explores the structure, composition and reactions of and between all elements, compounds and mixtures that exist in the Universe. With the ongoing discoveries and the 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 Working Scientifically component of the course develops skills with a focus 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.

A depth study is required in both year 11 and 12 courses which will allow students to undertake an investigation as a single investigation/activity or series of investigations/activities.

The depth study may be designed for the course cohort or a single class or be determined by individual students.

		Modules	Indicative hours	Depth studies
Year 11 course (120 hours)	Working Scientifically Skills	Module 1 Properties and Structure of Matter	60	*15 hours in Modules 1–4
		Module 2 Introduction to Quantitative Chemistry		
		Module 3 Reactive Chemistry	60	
		Module 4 Drivers of Reactions		

Year 12 course (120 hours)	Working Scientifically Skills	Modules	Indicative hours	Depth studies
		Module 5 Equilibrium and Acid Reactions	60	*15 hours in Modules 5–8
		Module 6 Acid/base Reactions		
		Module 7 Organic Chemistry	60	
		Module 8 Applying Chemical Ideas		

Scientific investigations include both practical investigations and secondary-sourced investigations. Practical investigations are an essential part of the Year 11 course and must occupy a minimum of 35 hours of course time, including time allocated to practical investigations in depth studies.

How will I be assessed?

Students will be assessed with school based assessments including a depth study in both years and an external examination in year 12.

How will this course help me in the future?

The course provides the knowledge and skills required to study chemistry after completing school, and supports participation in a range of careers in chemistry and related interdisciplinary industries including future STEM jobs. It is an essential discipline that currently addresses and will continue to address our energy needs and uses, the development of new materials, and sustainability issues as they arise.

Chemistry is useful for careers in Industry, Chemistry, Metallurgy, Science, Engineering, Health and Medicine courses.

What else do I need to know?

There are opportunities to participate in excursions to gain insight into the local and regional businesses requiring the knowledge of chemistry.

Who should I contact for further information?

Mr Howard or Ms Thomas in the Science Department.

COMMUNITY AND FAMILY STUDIES

Board Developed Course
Duration: 2 Year School Delivered
Category A



What will I be doing in this course?

Students selecting this subject will be equipped to better participate effectively in a society that is characterised by rapid social, economic, technological, legal, political and environmental change. This course is popular because it is so relevant to real life and living today.

Preliminary Course Modules

Resource Management; Individuals and Groups; Families and Communities

HSC Course Modules

Research Methodology; Groups in Context; Parenting and Caring

Select one option from:

Family & social Interactions; Social Impact of Technology ; Individuals & work

How will I be assessed?

HSC only – External Examination

Practical and theory based assessment tasks as per Assessment booklet.

This course is research based.

How will this course help me in the future?

This course would have vocational application in career paths such as Business Management, Human Resources Management, Teaching, Social Work, Counselling and Marketing, Pre-School Director, Nursing, Day Care, Midwifery.

What else do I need to know?

As part of the HSC, students are required to complete an Independent research Project. The focus of the Independent Research Project should be related to the course content of one or more of the following areas:

- Individuals and Groups
- Families and Communities
- Resource Management

Who should I contact for further information?

Ms Cheers in the Home Science Department.

COMPUTING APPLICATIONS

Content Endorsed Course
Duration: 2 Year School Delivered
Category B

What will I be doing in this course?

Students selecting this subject will be equipped to better participate effectively in a society that is characterised by technology in the workplace. This course is popular because it is relevant to the way society is moving increasingly towards technology.

The course is offered at two levels:

Intermediate, for those who have not yet studied Multimedia/Computing Skills and Advanced for those continuing with their Multimedia/Computing Skills studies.

Preliminary Course Modules:

Using four software products and developing or enhancing skills in Photoshop (Digital Imaging, Stop Animations, Montages, Cinemagraphs, Animated GIFs), Word (Word Processing Skills for businesses), Dreamweaver (Creating websites), In Design (Desktop Publishing).

HSC Course Modules

Premier (Movie Making), Illustrator (Line Drawing), Excel (Spreadsheets for business applications), Audition (Audio editing)

How will I be assessed?

Internal exams only.

Practical and theory based project oriented assessment tasks, as per the Assessment Booklet.

This is a project based practical skills based course.

How will this course help me in the future?

This course would have vocational application in career pathways such as Business Management, Working in an Office Environment, all jobs that requires a knowledge of Computing and Software Applications. The course provides a good working knowledge of the main computing software used by industry today.

What else do I need to know?

As part of the course students will be creating a number of independent software based research projects related to the content of the course.

Who should I contact for further information?

Mr Mill in the Industrial Arts Department.

DESIGN AND TECHNOLOGY

Board Developed Course
Duration: 2 Year School Delivered
Category A



What will I be doing in this course?

Design and Technology has a unique focus on creativity, innovation and the successful implementation of innovative ideas. Students will investigate the importance of evaluation, the role of computer-based technologies, management, communication and collaborative design, as well as exploring current and emerging technologies. Through the completion of quality design projects, students are provided with the opportunity to develop specific production and manufacturing skills. Design and Technology is inclusive of the needs, interests and aspirations of all students. It provides opportunities for students to develop design projects in areas of individual interest, to discuss equity issues related to design, production and manufacturing in the Australian society and to consider careers in the fields of design and manufacturing. Students will be given the opportunity to explore and develop technologies and demonstrate insight into the future uses of technology. They will develop skills that are transferable and which lead to lifelong learning.

How will I be assessed?

Preliminary Assessment

- The preliminary course is assessed through practical work and associated folios.
- Students are also required to undertake a designer case study.
- Examinations will be conducted by the school for the Half Yearly *and* Yearly exam periods.

HSC Assessment

- The HSC course involves a major project and comprehensive folio.
- Students also undertake a case study of an innovation.
- Examinations will be conducted by the school for the Half Yearly and Trial, and externally for the HSC.

How will this course help me in the future?

This course will assist students who wish to take up careers in the fields of Architecture, Artist, Fashion Designer, Furniture Designer, Graphic Designer, Industrial Designer, Interior Designer, Web Designer, Digital Visual Effects and Animations Engineer.

What else do I need to know?

You must be willing to supply your own project materials for the HSC. The project being assessed for the HSC is marked externally and usually just after the middle of Term 3 of the HSC Year.

Associated costs: Year 11 - \$50

Year 12 - \$10 plus materials.

Who should I contact for further information?

Mr P Ward in the Industrial Arts Department.

DRAMA

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

This course is a practical study in which students learn through experience and develop the confidence to participate in creative study. Students will study five content areas.

Preliminary Course

- Improvisation, Play Building and Acting.
- Elements of Production in Performance.
- Theatrical Traditions and Performance Styles.

HSC Course

- Australian Drama and Theatre (core content).
- Studies in Drama and Theatre.
- Group Performance (core content).

Individual Project (I.P.) – one of the following:

Individual Performance; Portfolio of Theatre Criticism; Director's Folio; Applied Research Project; Costume Design; Lighting Design; Promotion Design; Set Design; Scriptwriting; Video Drama.

How will I be assessed?

School Assessment Program:

Workshop activities, written and oral reflection, development work in Individual Project and Group Presentation.

External Exam:

Individual Project Performance (6-8 minutes) or one of the other I.P.'s listed above.

Group Devised Piece (8-12 minutes) - Core

1.5 hour written exam

How will this course help me in the future?

This course will have vocational application in career paths such as Theatre, T.V., Film, Teaching and Entertainment. The collaborative and individual skills developed in this course will also have benefits to any student's self-confidence, speaking, team-building and listening.

What else do I need to know?

The cost of this course is \$20 per year. (\$40.00 for the two-year course)

Who should I contact for further information?

Ms McAuley, Head teacher CAPA or Mr Janssen, Drama teacher in the CAPA Staffroom.

EARTH AND ENVIRONMENTAL SCIENCE

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

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

The Working Scientifically module develops skills with inquiry based questions to explore knowledge of the Earth. They also undertake practical and secondary-sourced investigations to acquire a deeper understanding of the Earth's features and naturally occurring phenomena and cycles. Fieldwork is an integral part of these investigation processes.

Earth and Environmental Science involves the analysis, processing and evaluation of qualitative and quantitative data in order to formulate explanations and solve problems.

A depth study is required in both year 11 and 12 courses which will allow students to undertake an investigation as a single investigation/activity or series of investigations/activities.

The depth study may be designed for the course cohort or a single class or be determined by individual students.

		Modules	Indicative hours	Depth studies
Year 11 course (120 hours)	Working Scientifically Skills	Module 1 Earth's Resources	60	*15 hours in Modules 1–4
		Module 2 Plate Tectonics		
		Module 3 Energy Transformations	60	
		Module 4 Human Impacts		

		Modules	Indicative hours	Depth studies
Year 12 course (120 hours)	Working Scientifically Skills	Module 5 Earth's Processes	60	*15 hours in Modules 5–8
		Module 6 Hazards		
		Module 7 Climate Science	60	
		Module 8 Resource Management		

*15 hours must be allocated to depth studies within the 120 indicative course hours.

How will I be assessed?

Students will be assessed with school based assessments including a depth study in both years and an external examination in year 12.

How will this course help me in the future?

The Earth and Environmental Science course builds on the knowledge and skills of Earth and Space gained in the Science Stage 5 course. The course maintains a practical emphasis in the delivery of the course content, and engages with technologies that assist in developing earth and environmental science applications.

The course provides the foundation knowledge and skills required to study earth and environmental science after completing school, and supports participation in careers in a range of related industries. The application of earth and environmental science is essential in addressing current and future environmental issues and challenges. It is also necessary for the use and management of geological resources that are important to Australia's sustainable future.

What else do I need to know?

Earth and Environmental Science is a rigorous course, requiring enthusiasm, effort and an enjoyment of Science. The course includes field trips to local environments to examine soils, rock types and the main plants and animals present. There will be costs for field excursions.

Who should I contact for further information?

Mrs Nicholls in the Science Department.

ECONOMICS

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

Economic decisions have a crucial influence on the quality of life experienced by people throughout the world. The study of economics can help individuals, groups and societies make choices that assist them to improve their quality of life.

As a subject, Economics is distinctive because of the range of problems and issues that it investigates and the skills that it develops. A student that has completed the Preliminary and HSC courses should have knowledge and skills enabling them to:

- Comprehend the background and implications of contemporary economic issues;
- Discuss appropriate policies to solve economic problems and issues;
- Understand what a change in interest rates, share values or the value of the Australian dollar means to individuals and the economy
- Identify fluctuations in the global and Australian economies and their likely effects on business
- Understand reasons for changes in the employment patterns;
- Identify, using economic thinking, appropriate strategies to protect the natural environment.

The discipline of economics has a theoretical basis and economists often debate the relative merits of different theories when assessing economic issues and proposing solutions to economic problems, including economic modelling. Discussion of economic issues dominates the media and politics. By understanding economics, students can make informed judgements about issues and policies and participate responsibly in decision-making.

How will I be assessed?

Students will be assessed through tests and examinations, research tasks, media reports and files, oral reports and an external examination.

How will this Course help me in the future?

Students will benefit from the study of economics if they engage in studies that include business, accounting and finance, media, law, marketing, employment relations, tourism, history, geography or environmental studies. If selected as a specialisation at university, economics can lead to careers in: share, finance or commodities markets; business; economic forecasting; banking; insurance; tourism; resource management; property development and management; government; environmental management; town planning; foreign affairs or economic policy development.

Who should I contact for further information?

Mr Greenway in the HSIE staffroom.

ENGINEERING STUDIES

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in the course?

Both Preliminary and HSC courses offer students' knowledge; understanding and skills in aspects of engineering that include communication, engineering mechanics/electronics, and the scope of the profession. Students study engineering by investigating a range of applications and fields of engineering.

Preliminary Course:

Students undertake the study and develop an engineering report for each of the 5 modules: Three application modules (based on engineered products). At least one product is studied from each of the following categories: household appliances; landscape products; braking systems.

One focus module relating to the field of bio-engineering.

One elective module.

HSC Course:

Students undertake the study and development of an engineering report for each of the 5 modules:

Three application modules (based on engineered products). At least one product is studied from each of the following categories: Civil structures; Personal and Public transport; lifting devices.

Two focus modules relating to the fields of Aeronautical Engineering and Telecommunications Engineering.

How will I be assessed?

HSC Course

External Assessment: A 3 hour written examination :

Section I - 10% Application Modules; Section II - 70% Historical and Societal Influence, Scope of the Profession, Application and focus Modules; Section III - 20% All modules Engineering Reports 100 Marks

Internal Assessment

Each of 5 Modules Engineering Reports 100 Marks

How will this Course help me in the future?

This course is designed for those who are interested in careers such as Engineering, Building, Architecture, Applied Science, metallurgy and Metal trades. It will have advanced standing for some TAFE courses.

What else do I need to know?

Students will need calculators, set squares and protractor. Students will develop an engineering report for each module and at least one report in each year will be the result of collaborative work.

Who should I contact for further information?

Mr P Ward in the Industrial Arts Department.

ENGLISH - ADVANCED

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in 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. Students appreciate, analyse and respond imaginatively and critically to literary texts drawn from a range of personal, social, historical and cultural contexts, including literature from the past and present and from Australian and other cultures. They study challenging written, spoken, visual, multimodal and digital texts that represent and reflect a changing global world.

Preliminary Course

Common Module: Reading to Write

Module A: Narratives that Shape our World

Module B: Critical Study of Literature

HSC Course

Common Module: Texts and Human Experiences

Module A: Textual Conversations

Module B: Critical Study of Literature

Module C: The Craft of Writing

Across Stage 6 the selection of texts will give students experience of:

- a range of types of texts inclusive of prose fiction, drama, poetry, nonfiction, film, media and digital texts
- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia

- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate

How will I be assessed?

Students will be assessed through assignments and exams in the areas of:

- Knowledge and understanding of course content
- Skills in responding to texts and communication of ideas appropriate to audience, purpose and context across all modes

How will this course help me in the future?

This course would suit students planning to study English and other humanities at tertiary level. Students who do well in the course will find that their results will be an advantage to careers in journalism, advertising, public relations and broadcasting. Future teachers of English should

Who should I contact for further information?

Mrs Mullan (Head Teacher English) in the English Staffroom.

ENGLISH - EXTENSION 1

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this Course?

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

Preliminary Course

Module: Texts, Culture and Value

Related research project

HSC Course

Common module: Literary Worlds with ONE elective option

How will I be assessed?

There will be assessment that allows students to demonstrate:

- Knowledge and understanding of complex texts and of how and why they are valued
- Skills in complex analysis, sustained composition and independent investigation

How will this course help me in the future?

Students who anticipate a tertiary education in Arts, Education, Law or Media will find this in-depth analytical and creative study to be of considerable advantage.

Who should I contact for further information?

Mrs Mullan (Head Teacher English) in the English Staffroom.

ENGLISH - EXTENSION 2

Board Developed Course

Duration: 1 Year School Delivered

Category A



What will I be doing in this course?

In the HSC English Extension 2 course, students develop a sustained composition and document their reflection on this process. Students must be studying the English Advanced course and English extension 1 to do this extension course.

How will I be assessed?

HSC Course

External Assessment:

- Major Work and reflection statement.

Internal Assessment:

- Viva Voce
- Literature Review
- Critique of the Creative Process

How will this course help me in the future?

This would be of great benefit to those students who are considering a career in Media or tertiary education in the Arts, Education or Law.

What else do I need to know?

This is an opportunity for creative students to produce a sustained composition in their chosen form. Students may only study English Extension 2 in Year 12 if:

- They have studied and completed English Extension in Year 11 and;
- They complete the HSC course in English Extension 1.

Who should I contact for further information?

Mrs Mullan (Head Teacher English) in the English Staffroom.

ENGLISH - STANDARD

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in 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. English Standard offers a rich language experience that is reflected through the integrated modes of reading, writing, speaking, listening, viewing and representing.

Preliminary Course

Common Module: Reading to Write

Module A: Contemporary Possibilities

Module B: Close Study of Literature

HSC Course

Common Module: Texts and Human Experiences

Module A: Language, Identity and Culture

Module B: Close Study of Literature

Module C: The Craft of Writing

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

- a range of types of texts inclusive of prose fiction, drama, poetry, nonfiction, film, media and digital texts
- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those

that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples

- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate

How will I be assessed?

Students will be assessed through assignments and exams in the areas of:

- Knowledge and understanding of course content
- Skills in responding to texts and communication of ideas appropriate to audience, purpose and context across all modes

How will this course help me in the future?

Universities will accept this course as an entry requirement for most courses.

Who should I contact for further information?

Mrs Mullan (Head Teacher English) in the English Staffroom.

ENGLISH - STUDIES

Board Developed Course

This course will qualify students for an ATAR if they sit for the HSC examination

Duration: 2 Year School Delivered

What will I be doing in 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.

The course is distinctive in its focus on the development of students' language, literacy and literary skills. It centres on empowering students to comprehend, interpret and evaluate the ideas, values, language forms, features and structures of texts from a range of everyday, social, cultural, academic, community and workplace contexts. It offers comprehensive and contemporary language experiences in the modes of reading, writing, speaking, listening, viewing and representing.

Preliminary Course

Students will complete the mandatory module – Achieving through English: English in education, work and an additional 2–4 elective modules.

HSC Course

Students will complete the mandatory module Mandatory Common Texts and Human Experiences and additional 2–4 modules

The additional modules for both the Preliminary and HSC courses are selected from a list of elective modules within the syllabus. The elective modules may be studied in either course, but with an increasing level of challenge as students advance into the HSC course.

How will I be assessed?

There will be assessment that allows students to demonstrate:

- Knowledge and understanding of complex texts and of how and why they are valued
- Skills in complex analysis, sustained composition and independent investigation

How will this course help me in the future?

This course is designed to meet the specific needs of students who are seeking an alternative to the English (Standard) course and who intend to proceed from school directly into employment or vocational training.

What else do I need to know?

The important thing to remember is that this course does not qualify students for an ATAR unless you sit for the HSC examination. If you think you might want to go to University, this is not the course for you.

Who should I contact for further information?

Mrs Mullan (Head Teacher English) in the English Staffroom.

EXPLORING EARLY CHILDHOOD

Board Endorsed Course

Duration: 2 year School Delivered

NO ATAR

What will I be doing in this course?

This course comprises a compulsory common core and optional modules. The core consists of 45 hours of study and the optional modules expand on the issues introduced in the core. The course involves a practical as well as theory component and it is highly desirable to have the opportunity to interact with young children.

The Core consists of:

Part A: Pregnancy and Childbirth

Part B: Child Growth and Development

Part C: Promoting Positive Behaviour

Some of the Modules which may be studied are:

- Learning Experiences for Young Children
- Play and the Developing Child
- Starting School
- Children of Aboriginal and Torres Strait Islander Communities
- Children's Literature
- Food and Nutrition
- Young Children with Special Needs

How will I be assessed?

Method of assessment: reports, essays, examination, journal writing, compilation of a media file, individual child case study.

Internal examinations – Half Yearly and Yearly

Various assessment tasks – reports, essays, journal writing and compilation of a media file, individual child case study, practical exercises.

How will this course help me in the future?

This course is suitable for careers in Counselling, Welfare, Childcare Assistant, Care Giver, and childcare Centre Operator/Director, Primary teaching, Nanny, au Pair.

What else do I need to know?

Students will visit Childcare Centres or complete Work Experience in a Childcare Centre as part of this course.

Who should I contact for further information?

Mrs J Parbery in the Home Science Department.

GEOGRAPHY

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

Geography is an investigation of the world that provides an accurate description and interpretation of the varied character of the earth and its people. It is a key discipline through which students develop the ability to recognise and understand environmental change and the interactions that take place in our world.

Geography has many dimensions, two of which are emphasised in this syllabus:

- The ecological dimension considers how humans interact with environments.
- The spatial dimension focuses on where things are, why they are there and how people interact differently with environments in different places.

Geographers investigate the opportunities for human activities, the constraints placed upon them and the impact of these activities. The study of Geography allows students to perceive the world in a variety of ways and helps them make sense of a complex and changing world.

How will I be assessed?

Students will be assessed through tests and examinations, research tasks, fieldwork, a Senior Geography Project and an external examination.

How will this course help me in the future?

Geography provides knowledge of the Earth and helps people make decisions about the spatial dimensions of the world. Students develop skills in map reading and photographic interpretation. A study of Geography is useful in most careers but particularly in environmental management, urban and town planning, resource management, business, commerce and tourism.

What else do I need to know?

Geography is an academically challenging course. Those students who traditionally perform well in this subject possess skills in the following: essay writing and analysis of topographic maps, graphs and other stimulus material. The new syllabus covers both human and physical geography, with greater

emphasis on human geography whilst studying the topics *Urban Places and People* and *Economic Activity*.

Who should I contact for further information?

Mr Quodling in the HSIE Staffroom.

HOSPITALITY

Dual Accreditation – VET / HSC

Category B Duration: 2 Year School Delivered



SIT20316 Certificate II in Hospitality (SIT12 release 2)

or

Statement of Attainment towards SIT20316 Certificate II in Hospitality (SIT12 release 2)

This Course is available as		2Unit x 2years/240 hours	
<p>The volume of learning usually includes 240 indicative hours and a minimum of 70 hours of work placement. All activities that the learner is required to be engaged in to complete this course are conducted under supervision.</p>			
<p>Our RTO is committed to providing high quality training to students. Please discuss course patterns with your school.</p>			
Board Developed Course		Category B status for Australian Tertiary Admission Rank (ATAR)	
<p>This curriculum framework includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.</p>			
<p>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 hospitality & customer service industry. Students who are assessed as competent in sufficient units of competency will be eligible for a full Certificate qualification; partial completion will lead to a Statement of Attainment. Qualification pathway information is available from the Australian Apprenticeships Training Information Service:</p>			
<p>Course structure: The following content will be addressed as part of this Qualification. Reduced or modified patterns of delivery may target specific units of competency. <i>Please discuss units of competency with your school.</i></p>			
Compulsory/Core Units – HSC Examinable		Elective Units	
SITHIND003	Use Hospitality skills effectively	SITXINV001	Receive and store stock
SITXCOM002	Show social and cultural sensitivity	SITXINV002	Maintain quality of perishable items

SITXCCS003	Interact with customers	BSBCMM201	Communicate in the workplace
BSBWOR203	Work effectively with others	SITXCOM001	Source and present information
SITXWHS001	Participate in safe work practices	SITHCCC003	Prepare sandwiches
SITHIND002	Source and use information on the hospitality industry	SITXFSA002	Participate in safe food handling practices
SITXFSA001	Use hygienic practices for food safety	BSBSUS201	Participate in environmentally sustainable work practices
SITHFAB004	Prepare and serve non-alcoholic beverages	HLTAID003	Provide first aid
SITHFAB007	Serve food and beverage		
SITHFAB005	Prepare and serve espresso coffee		

Course contribution (to be made directly to school): \$100.00 (includes the cost for a hospitality apron)

Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course.

If you are unable to make contributions or are experiencing financial difficulty, please contact your school.

Refunds: Students who exit the course before completion may be eligible for a partial refund of fees. The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course.

Please discuss any matters relating to refunds with your school

Course specific resources and equipment:

Due to the specific nature of training and assessment in this industry area, the following specific resources and equipment are required of students undertaking this course.

Please discuss with your school if you are unable to, or have difficulty meeting these requirements.

- NIL

Exclusions:

VET course exclusions can be checked on the Board's website at www.boardofstudies.nsw.edu.au/voc_ed/exclusions.html.

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

Credit Transfer and Recognition of Prior Learning (RPL)

Our RTO acknowledges the experience and prior learning of our students. Students who are able to present transcripts from other Australian RTOs or who are able to present relevant experiences in work may qualify for Credit Transfer (CT) or Recognition of Prior Learning. All applications for CT or RPL should be made to the course teacher.

Mandatory Work Placement

Students undertaking this course are required to complete work placement to a minimum hours as specified below. Work placement involves the student completing real work experiences in industry settings. In some courses, in-school events may contribute to mandatory work placement hours.

Where this is possible, students will be fully informed upon enrolment.

- 2 Unit x 2 years courses: 70 hours

Optional HSC examination

Students completing this course are eligible to sit an optional, written HSC examination. 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 to receive an AQF VET qualification.

Specialisation studies

Students may be offered the opportunity to undertake additional units of competency and credit towards their qualifications via Specialisation Studies. Information will be made available to students where appropriate.

N Determinations

Where a student has not met NSW Board of Studies, Teaching & Educational Standards (BOSTES) course completion criteria, (including meeting work placement requirements), they may receive an 'N' award warning (course not satisfactorily completed). Students issued with an 'N' award warning will be issued with a rectification which must be completed. Students who receive more than 2 N awards may be at risk of not completing BOSTES requirements and may not be awarded the

appropriate units of credit towards their HSC. Any unit of competency achieved will be awarded as part of the VET qualification.

Appeals

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

Qualification changes and updates

Due to the dynamic nature of VET, qualifications may change during the course of study. The RTO will ensure that students are fully informed of these changes and may transition students to the latest qualification during the course. The RTO will ensure that any change will be made with a minimum of disruption.

Employability skills:

There are eight Employability Skills: communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology. A summary of the employability skills developed through this qualification can be downloaded from

<http://employabilityskills.training.com.au/>

School-based Apprenticeships and Traineeships (SBATs)

A school-based traineeship is available in this course.

To express an interest or obtain further information go to <http://www.sbatjobs.info/>

Your school SBAT Coordinator, Careers Advisor, VET Coordinator or VET Teacher is available to discuss apprenticeship and traineeships as part of your HSC.

By enrolling in a VET qualification in NSW Public Schools Tamworth RTO 90162, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. You will be expected to complete assessments relevant to the qualification and adhere to the requirements of the NSW Board of Studies, Teaching and Educational Standards.

Who should I contact for further information?

Ms Cheers or Mr Gale in the Home Economics department.

INDUSTRIAL TECHNOLOGY: ELECTRONICS

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

Industrial Technology is the study of technologies & the industries that use them in the production of materials & finished goods. It is intended that students will gain knowledge through practical experience. Therefore, emphasis is placed upon the process of making practical judgements to gain an appreciation of this technological era.

In the **Preliminary course**, students must design, develop and construct a number of projects. Each project must include a management folio. Students also undertake the study of an individual business within the Electronics industry.

In the **HSC course**, students must design, develop and construct a **major project** with a **management folio** detailing the planning, research, management & production of the project. They also undertake a study of the overall industry related to the Electronics focus area.

How will I be assessed?

Preliminary Assessment

- The preliminary course is assessed through practical work and associated folios.
- Students are also required to study a local business involved in the Electronics industry.
- The final assessment is by examination.

HSC Assessment

- The HSC course involves a major project and comprehensive folio.
- Students also undertake a study of the Electronics industry.

Examinations will be conducted by the school for the Half Yearly and Trial, and externally for the HSC.

How will this course help me in the future?

This course will assist students who wish to take up careers in the fields of: Electrician, Air conditioning and associated Electrical trades.

What else do I need to know?

You must be willing to supply your own project materials for the HSC. The project being assessed for the HSC is marked externally & usually just after the middle of Term 3 of the HSC year.

Exclusion – please note that *Industrial Technology Electronics* cannot be studied in combination with *Industrial Technology Multimedia* or *Industrial Technology Timber*.

Associated costs: Year 11 - \$50 (not including programmable chips); Year 12 - \$30 plus materials.

Who should I contact for further information?

Mr. G. Driscoll in the Industrial Arts Dept.

INDUSTRIAL TECHNOLOGY: TIMBER

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

Industrial Technology is the study of technologies and the industries that use them in the production of materials and finished goods. It is intended that students will gain knowledge through practical experience. Therefore, emphasis is placed upon the process of making practical judgements to gain an appreciation of this technological era.

In the Preliminary course, students must design, develop and construct a number of projects (at least one group project). Each project must include a management folio. Students also undertake the study of an individual business within the timber industry.

In the HSC Course, students must design, develop and construct a major project with a management folio detailing the planning, research, management and production of the project. They also undertake a study of the overall industry related to the Timber focus area.

How will I be assessed?

Preliminary Assessment:

The preliminary course is assessed through practical work and associated folios. One project must be in a group situation.

Students are also required to study a local business involved in the Timber industry. The final assessment is by examination.

HSC Assessment:

The HSC course involves a major project and comprehensive folio.

Students also undertake a study of the Timber industry

Examinations will be conducted by the school for the Half Yearly and Trial, and externally for the HSC

How will this course help me in the future?

This course will assist students who wish to take up careers in the fields of Cabinet-making, construction and associated Timber trades.

What else do I need to know?

You must be willing to supply your own project materials for the HSC. The project being assessed for the HSC is marked externally and usually just after the middle of Term 3 of the HSC Year.

Exclusion – please note that Industrial Technology Timber cannot be studied in combination with Industrial Technology Multimedia, Industrial Technology Metal or Industrial Technology Electronics.

Associated costs: Year 11 - \$50 (Safety glasses supplied); Year 12 - \$10 plus materials.

Who should I contact for further information?

Mr P Ward in the Industrial Arts Department.

INDUSTRY BASED LEARNING

Stage 6 Board Endorsed Course

Duration: 2 Years

What will I be doing in this course?

Industry-Based Learning is a 240 Hour (2 unit x 2 years) course which is only available for students:

- with an approved school-based apprenticeship or traineeship training contract, and
- who are also entered for the appropriate HSC VET course(s) for the formal off-the-job training component of the school-based apprenticeship or traineeship.

The purpose of this course is to enable students to demonstrate the additional knowledge, understandings, skills, values and attitudes they develop from the on-the-job training component of a school-based apprenticeship or traineeship. It will provide a degree of flexibility for school-based apprentices and trainees within the Higher School Certificate. It will assist in addressing the challenges faced by students who concurrently undertake the Higher School Certificate and formal industry training. Across the minimum 100 days of on-the-job attendance students will have the opportunity to develop competencies toward their apprenticeship or traineeship as well as develop knowledge, understanding, skills, values and attitudes related to enterprise, work and employability.

Evidence of Industry-based Learning

It is intended that the evidence of industry-based learning will be built up across the on-the-job training attendance requirement.

The evidence of Industry-Based Learning will consist of two parts:

- a **log** of those tasks and activities which have been undertaken in the workplace which are related to the course outcomes, and
- a reflective and self-descriptive **journal** of learning related to the course outcomes which has developed from the on-the-job training component of the school-based apprenticeship or traineeship.

Who should I contact for further information?

Mrs West (Careers Advisor)

INFORMATION DIGITAL MEDIA & TECHNOLOGY

DUAL ACCREDITATION – VET / HSC

2 UNIT

Category B



Statement of Attainment towards ICT30115 Certificate III in Information Digital Media and Technology (ICT release 1)

This Course is available as		2Unit x 2years/240 hours	
<p>The volume of learning usually includes 240 indicative hours and a minimum of 70 hours of work placement. All activities that the learner is required to be engaged in to complete this course are conducted under supervision.</p>			
<p>Our RTO is committed to providing high quality training to students. Please discuss course patterns with your school.</p>			
Board Developed Course		Category B status for Australian Tertiary Admission Rank (ATAR)	
<p>This curriculum framework includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.</p>			
<p>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 hospitality & customer service industry. Students who are assessed as competent in sufficient units of competency will be eligible for a full Certificate qualification; partial completion will lead to a Statement of Attainment. Qualification pathway information is available from the Australian Apprenticeships Training Information Service:</p>			
<p>Course structure: The following content will be addressed as part of this Qualification. Reduced or modified patterns of delivery may target specific units of competency. <i>Please discuss units of competency with your school.</i></p>			
Compulsory/Core Units – HSC Examinable		Elective Units	
BSBWHS304	Participate effectively in WHS communication and consultation processes	Web and software applications stream	
ICTICT202	Work and communicate effectively	ICTICT203	Operate application

	in an ICT environment		software packages
ICTICT302	Install and optimise operating system software	ICTICT308	Use advanced features of computer applications
ICTSAS301	Run standard diagnostic tests	ICTWEB302	Build simple websites using commercial programs
ICTICT301	Create user documentation	ICTWEB303(E)	Produce digital images for the web
BSBWHS304	Participate effectively in WHS communication and consultation processes	ICTWEB201 (E)	Use social media tools for collaboration and engagement
ICTICT202	Work and communicate effectively in an ICT environment	ICTWEB301 (E) (Web focus only)	Create a simple markup language document
ICTICT302	Install and optimise operating system software	*BSBSUS401 (E) (Application focus only)	Implement and monitor environmentally sustainable work practices *Unit is core to the training package if teaching the full Cert III specialisation study
ICTSAS301	Run standard diagnostic tests		
ICTICT301	Create user documentation		

Course contribution (to be made directly to school): \$25.00

Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course.

If you are unable to make contributions or are experiencing financial difficulty, please contact your school.

Refunds: Students who exit the course before completion may be eligible for a partial refund of fees.

The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course.

Please discuss any matters relating to refunds with your school

Course specific resources and equipment:

Due to the specific nature of training and assessment in this industry area, the following specific resources and equipment are required of students undertaking this course.

Please discuss with your school if you are unable to,

- NIL

or have difficulty meeting these requirements.

Exclusions:

VET course exclusions can be checked on the Board's website at www.boardofstudies.nsw.edu.au/voc_ed/exclusions.html.

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

Credit Transfer and Recognition of Prior Learning (RPL)

Our RTO acknowledges the experience and prior learning of our students. Students who are able to present transcripts from other Australian RTOs or who are able to present relevant experiences in work may qualify for Credit Transfer (CT) or Recognition of Prior Learning. All applications for CT or RPL should be made to the course teacher.

Mandatory Work Placement

Students undertaking this course are required to complete work placement to a minimum hours as specified below. Work placement involves the student completing real work experiences in industry settings. In some courses, in-school events may contribute to mandatory work placement hours. Where this is possible, students will be fully informed upon enrolment.

- 2 Unit x 2 years courses: 70 hours

Optional HSC examination

Students completing this course are eligible to sit an optional, written HSC examination. 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 to receive an AQF VET qualification.

Specialisation studies

Students may be offered the opportunity to undertake additional units of competency and credit towards their qualifications via Specialisation Studies. Information will be made available to students where appropriate.

N Determinations

Where a student has not met NSW Board of Studies, Teaching & Educational Standards (BOSTES) course completion criteria, (including meeting work placement requirements), they may receive an 'N' award warning (course not satisfactorily completed). Students issued with an 'N' award warning will be issued with a rectification which must be completed. Students who receive more than 2 N awards may be at risk of not completing BOSTES requirements and may not be awarded the appropriate units of credit towards their HSC. Any unit of competency achieved will be awarded as part of the VET qualification.

Appeals

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

Qualification changes and updates

Due to the dynamic nature of VET, qualifications may change during the course of study. The RTO will ensure that students are fully informed of these changes and may transition students to the latest qualification during the course. The RTO will ensure that any change will be made with a minimum of disruption.

Employability skills:

There are eight Employability Skills: communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology. A summary of the employability skills developed through this qualification can be downloaded from

<http://employabilityskills.training.com.au/>

School-based Apprenticeships and Traineeships (SBATs)

A school-based traineeship is available in this course.

To express an interest or obtain further information go to <http://www.sbatjobs.info/>

Your school SBAT Coordinator, Careers Advisor, VET Coordinator or VET Teacher is available to discuss apprenticeship and traineeships as part of your HSC.

By enrolling in a VET qualification in NSW Public Schools Tamworth RTO 90162, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. You will be expected to complete assessments relevant to the qualification and adhere to the requirements of the NSW Board of Studies, Teaching and Educational Standards.

Who should I contact for further information?

Mr Gale in the Home Economics department.

INVESTIGATING SCIENCE

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

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

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

The course promotes active inquiry and explores key concepts, models and phenomena. It draws and builds on the knowledge, understanding, skills, values and attitudes gained in Science Stage 5. The Stage 6 course is designed to enhance students' understanding of the value of evidence-based investigations and the use of science-based inquiry in their lives.

Investigating science in years 11 and 12 will enable students to develop and appreciation and understanding of science as a body of knowledge and a set of valuable processes that provide us with an ability to understand ourselves and the world in which we live. Applying the Working Scientifically skills processes the aim of the course is to develop analytical and problem-solving skills, to allow decisions to be made with the rapidly changing and interconnected technological world.

		Modules	Indicative hours	Depth studies
Year 11 course (120 hours)	Working Scientifically Skills	Module 1 Cause and Effect – Observing	60	*30 hours in Modules 1–4
		Module 2 Cause and Effect – Inferences and Generalisations		
		Module 3 Scientific Models	60	
		Module 4 Theories and Laws		

		Modules	Indicative hours	Depth studies
Year 12 course (120 hours)	Working Scientifically Skills	Module 5 Scientific Investigations	60	*30 hours in Modules 5–8
		Module 6 Technologies		
		Module 7 Fact or Fallacy?	60	
		Module 8 Science and Society		

*30 hours must be allocated to depth studies within the 120 indicative course hours.

How will I be assessed?

Students will be assessed with school based assessments including a depth study in both years and an external examination in year 12.

How will this course help me in the future?

The Investigating Science course is designed to complement the study of the science disciplines by providing additional opportunities for students to investigate and develop an understanding of scientific concepts, their current and future uses, and their impacts on science and society. The course draws on and promotes interdisciplinary science, by allowing students to investigate a wide range of STEM (Science, Technology, Engineering and Mathematics) related issues and concepts in depth.

What else do I need to know?

In year 12 if studying Investigating Science there is an option to select to study any of the other strands of science.

Who should I contact for further information?

Mr. Laing and Mrs. Bryant in the Science Department.

LEGAL STUDIES

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

Legal studies allows you to learn about the way our country is governed, the legal rules institutions and processes which affect us as people and citizens. The course encourages you to think critically about the role of law and legal institutions in society. You learn to understand what is meant by the legal jargon. The course does focus on change, on the effectiveness of the law, on dispute resolution and the issues of justice.

The preliminary course is divided into three parts :

- The legal system 40% of course time
- The individual and the law 30% of course time
- The law in practice 30% course time

Two focus groups to be chosen from Aboriginal and Torres Strait Islander peoples, migrants, women, people who are socio – economically disadvantaged and people who have a mental illness or intellectual or physical disability.

The HSC course:

- Part 1 Crime
- Part 2 Human Rights
- Part 3 Options

Case studies of two of the following:

Consumers; Family; Global Environments; Indigenous peoples; Shelter; Workplace; World order.

How will I be assessed?

Students will be assessed through tests and examinations, research tasks, media reports and files, oral reports, fieldwork and external examination.

How will this course help me in the future?

This subject offers excellent preparation for life skills through an understanding of the legal system and the social structures of our society. The course helps students prepare for further education, training and employment in the fields of law, politics, social work and journalism.

Who should I contact for further information?

Mr Quodling or Mr Place in the HSIE staffroom.

MARINE STUDIES

Board Endorsed Course

Duration: 2 Year School Delivered

NO ATAR

What will I be doing in this course?

This course provides the student with a mixture of practical and knowledge in the broader marine field. The areas covered by the core include marine safety, first aid, the marine environment, marine life, human use of the oceans, and aspects of marine employment. The electives build on the core.

How will I be assessed?

The two unit course will be assessed with a written exam at the end of each unit with a practical assessment of the key competencies.

How will this course help me in the future?

The course supports students with an interest in, and a wish to pursue employment or study in the marine field. There is opportunity for continuation in post-school study with specific courses offered at University, TAFE and private organisations. It will encourage safe practices in the marine environment.

What else do I need to know?

The course will require the student to engage in marine activities such as snorkelling, boating, etc. The student should be in sound medical condition and have their own snorkel equipment, including a buoyancy device (neoprene suit or similar). Costs will be incurred by the **compulsory** *Senior First Aid Certificate*, and other optional courses. There will also be the costs of transport to venues.

Who should I contact for further information?

Dr Willhoite in the Science Department

MATHEMATICS

Board Developed Course

Duration: 2 Year school delivered

Category A



What will I be doing in this course?

The course assumes a fair level of competence in the advanced maths course.

The main topics are:

Preliminary course:

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

HSC Course:

Co ordinate 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

How will I be assessed?

There will be three tasks in the preliminary course and five tasks in the HSC course. These tasks will include formal examinations, class tests and some assignment work.

How will this course help me in the future?

The course supports courses such as Life Sciences and Commerce.

What else do I need to know?

This course is a sufficient basis for further studies in Mathematics as a minor discipline at tertiary level.

Who should I contact for further information?

Your Mathematics teacher or Mr Holden (Head Teacher Mathematics).

MATHEMATICS STANDARD 1

Board Developed course

Duration: 2 years school delivered

Category A



What will I be doing in this course?

This course focuses on mathematical skills and techniques which have direct application to everyday activities.

The main topics covered are:

Preliminary Course

Financial Mathematics; Data and statistics; Measurement; Probability; Algebra and Modelling; Networks

HSC Course

Financial mathematics; Data and statistics; Measurements; Probability; Algebra and modelling; Networks

How will I be assessed?

There will be three tasks in the preliminary course and four tasks in the HSC course. These tasks will include formal examinations, class tests and some assignment work.

How will this course help me in the future?

The course provides students with a large variety of real world applications for concurrent HSC studies, such as vocational education and training courses, other practically oriented courses, and some humanity courses, and for vocational pathways, in the workforce or in further training.

What else do I need to know?

NOTE: This a new course for 2018. It is not a common course with Mathematics Standard 2 as has previously occurred.

Who should I contact for further information?

Your Mathematics teacher or Mr Holden (Head teacher Mathematics).

MATHEMATICS STANDARD 2

Board Developed Course

Duration: 2 years school delivered

Category A



What will I be doing in this course?

This course focuses on mathematical skills and techniques which have direct application to everyday activities.

The main topics covered are:

Preliminary Course:

Financial mathematics; Data and statistics; Measurement; Probability; Algebra and modelling; Networks

HSC Course:

Financial mathematics; Data and statistics; Measurements; Probability; Algebra and modelling; Networks

How will I be assessed?

There will be three tasks in the preliminary course and four tasks in the HSC course. These tasks will include formal examinations, class tests and some assignment work.

How will this test help me in the future?

This course will provide an appropriate mathematical background for students who wish to enter occupations that require the use of a variety of mathematical and statistical techniques in the areas of Business, Humanities, Nursing and Paramedical Sciences.

What else do I need to know?

NOTE: This a new course for 2018. It is not a common course with Mathematics Standard 1 as has previously occurred.

Who should I contact for further information?

Your Mathematics teacher or Mr Holden (Head Teacher Mathematics)

MATHEMATICS EXTENSION 1

Board Developed Course

Duration 2 Year School Delivered

Category A



What will I be doing in this course?

This course assumes a good level of competence in the Advanced Mathematics course.

The main topics covered are:

Preliminary course

Other inequalities ; Circle geometry; Further trigonometry; Angles between two lines; Internal and external division of lines into given ratios ; Parametric representation; Permutations and combinations; Polynomials; Harder applications of the preliminary 2 unit course

HSC Course:

Methods of integration; Primitive of $\sin 2x$ and $\cos 2x$; Equation; Velocity and acceleration as a function of x ; Projectile motion; Simple harmonic motion; Inverse functions and inverse trigonometry functions; Induction; Binomial Theorem; Further probability; Iterative methods for numerical estimation of the roots of a polynomial equation; Harder applications of the HSC 2 unit topics

How will I be assessed?

There will be three tasks in the preliminary course and five tasks in the HSC course. These tasks will include formal examinations, class tests and some assignment work.

How will this course help me in the future?

This course is a recommended minimum basis for further studies in Mathematics as a major discipline at a tertiary level. This course supports studies in the Physical and Engineering Sciences.

What else do I need to know?

All students with very good mathematical ability should undertake this course.

Who should I contact for further information?

Your Mathematics teacher or Mr Holden (Head Mathematics teacher)

MATHEMATICS EXTENSION 2

Board developed course

Duration: 2 Year school delivered

Category A



What will I be doing in this course?

This HSC only course represents a very high level in school mathematics involving considerable manipulative skills and a high degree of understanding of algebra and calculus.

The main topics are:

HSC Course

Graphs; Complex numbers; Conics; Integration; Volumes; Mechanics; Polynomials; Harder extension 1 topics

How will I be assessed?

Assessment is based on four tasks which will include a mid-course exam and a trial HSC as well as tasks that may be open book examinations or assignments

How will this course help me in the future?

This course is good preparation for tertiary level maths as well as a deeper understanding of work completed in other courses.

Who should I contact for further information

Your mathematics teacher or Mr Holden (Head Teacher Mathematics)

MODERN HISTORY

Board Developed Course

Duration: 2 Years School Delivered

Category A



What will I be doing in this course?

Modern History is an enquiry into past experiences and aims to help students understand the forces that have shaped the modern world. In this course, you will learn not only what happened in the past but you will consider motives, causes problems and consequences. Students learn to evaluate various types of historical sources and acquire skills that assist in the formulation and communication of logical arguments based on sound knowledge of historical issues.

Preliminary Course

This consists of four areas:

Investigating Modern History

1. The Nature of Modern History, which includes: The Investigation of Historic Sites and Sources; the Contestability of the Past; the Construction of Modern Histories; History and Memory; The Representation and Commemoration of the Past.
2. Case studies - One case study must be from Europe, North America or Australia.
One case study must be from Asia, the Pacific, Africa, the Middle East or Central/South America.
3. Historical Investigation - An investigation that extends a particular area of individual student or group historical interest.
4. The Shaping of the Modern world: which includes: The Enlightenment; the French Revolution, the Age of Imperialism; the Industrial Age; World War I; the End of Empire.

HSC course

There are four parts to be covered in this course:

1. Core Study: Power and Authority in the Modern World 1919-1946-Through a focus on the nature of power and authority 1919–1946, and a broader transnational perspective, students investigate the rise of fascist, totalitarian and militarist movements after World War I.
2. National Studies: Students choose to study one National Study from a list that includes: China 1927–1949; India 1942–1984; Indonesia 1945–2005; Japan 1904–1937; Iran 1945-1989
3. Peace and Conflict- Students choose to study one from a list that includes: Conflict in Indochina

1954–1979; Conflict in the Pacific 1937–1951; Conflict in the Gulf 1980–2011; The Arab-Israeli Conflict 1948–1996

4. Change in the Modern World - Students choose to study one from a list that includes: Pro-democracy Movement in Burma 1945–2010; The Cultural Revolution to Tiananmen Square 1966–1989; Apartheid in South Africa 1960–1994

A history extension course could be offered in year 12.

How will I be assessed?

There will be a range of assessments including research projects, multimedia presentations essays and seminar papers, role plays and dramatic recreations of events.

How will this course help me in the future?

A study of modern history will prepare you to play an active role in society. It will provide you with the knowledge with which to tackle many of the issues and problems presented by a complex and changing world. It will give you a sense of historical perspective and the ability to influence society for the better.

The study of Modern History is particularly used in professions such as law, politics, journalism, banking, tourism, business and administration and teaching. Skills developed in locating and analysing information, making informed judgements and communicating information, are sought after in all workplaces in the 21st century.

What else do I need to know?

An interest in learning to improve essay writing skills is essential as the HSC requires most questions to be answered in essay form.

Who should I contact for further information?

Ms Kedraika or Ms Cutter.

MUSIC 1

Board Developed Course

2 UNIT

Category A



What will I be doing in this course?

Students will develop skills in the four focus areas:

- Performance (individual and groups)
- Composition (making music pieces)
- Aural (listening awareness)
- Musicology (researching various musical styles)

The six topics to be studied are to be selected from the following list:

<ul style="list-style-type: none">• An Instrument and Its Repertoire• Australian Music• Medieval Music• Renaissance Music• Baroque Music• Jazz Music• Methods of Notating Music• Music and Religion• Music and the Related Arts• Music for Large Ensembles• Music for Small Ensembles	<ul style="list-style-type: none">• Music of a Culture• Music in Education• Popular Music• Rock Music• Music for Film, TV & Radio, Multimedia• Theatre Music• Technology and Its Influence on Music• Music of the 18th Century• Music of the 19th Century• Music of the 20th & 21st Century
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How will I be assessed?

Each of the four focus areas will be assessed equally in the Preliminary course. The HSC course is assessed on all four areas but the weightings depend on the Electives chosen, where you can specialise in Performance, Composition and/or Musicology (Viva Voce).

How will this course help me in the future?

Students develop the skills that prepare them for the many options available in Music (the entertainment industry, the services, bands, teaching, music sales and promotion).

What else do I need to know?

Private lessons are encouraged for vocalists and instrumentalists (but not essential) and bridging courses in theory can be done at home. The purpose of Music 1 is to provide students with the opportunity to acquire knowledge, skills, understanding and attitudes within a broad musical context and encourage the desire to continue learning in formal and informal music settings after school.

Who should I contact for further information?

Ms McAuley, Head teacher CAPA or Mr McGeary, Music teacher in the CAPA Staffroom.

PD, HEALTH & PE

Board Developed Course

Duration: 2 Year School Delivered

Category A



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, including First Aid 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 also look at factors that affect physical performance. They undertake optional study from a range of choices, including Sports Medicine and Improving Performance.

Preliminary and HSC Course topics include:

- Better Health for Individuals
- The Body in Motion
- First Aid
- Fitness Choices
- Health Priorities in Australia
- Factors Affecting Performance
- Sports Medicine
- Improving Performance

How will I be assessed?

Internal Assessment through exams, essays, research assignments, laboratory report, video analysis and presentations.

External Assessment is a three hour HSC written exam.

How will this course help me in the future?

This course is ideal for students who are considering undertaking tertiary courses or careers in the area of physical education, medicine, physiotherapy, human movement, recreation, leisure, nursing, coaching, health education, fitness or community health. It would be of interest to students wishing to make better informed choices about their own personal health and fitness.

What else do I need to know?

An interest in human movement and individual and community health issues. The course is theory based and is academically demanding.

Who should I contact for further information?

Mr. S. Bilsborough in the PE Staffroom.

PHOTOGRAPHY

2 Unit - Board Endorsed Course

Duration: 1 or 2 Year School Delivered

What will I be doing in this course?

Students learn about selected areas of photography, video and digital imaging through the study of a combination of modules across specific fields of the course.

The specific fields are:

Wet Photography - Students will learn about the traditional areas and concepts of Black and White Photography and how to use manual SLR cameras to construct interesting professional photographs. They will also learn to use special effects and contemporary (new) applications. With this knowledge students could consider career fields in professional photography including fashion, wedding, advertising, and art related fields.

Digital Photography - This field utilises computer software (photoshop) to generate and understand digital images. Students explore and develop digital images, investigating the advertising and music industries use of digital media. With this knowledge students could consider career fields in Commercial and Graphic Arts, including Fashion, Advertising and Journalism.

Video - Utilises the techniques and practices of video relating the fields of film and television in the students' lives. Students develop an understanding of how the world can be investigated in an artistic form. Career fields are film and video production including short films, directing and editing, film advertising and more.

How will I be assessed?

Practical 75%; Theory 25%. The main topics assessed are:

- Wet Photography - Portfolio of prints produced and related theory on historical and modern practices including written workbook and art diary.
- And/or Video - Production of video and related theory on historical and modern practices- including written workbook.
- And/or Digital Imaging - Production of digital images relating to topic which could include CD covers, magazine covers etc. and related theory on historical and modern practices - including written work book and art diary. Examination will be on technical procedures and practices.

How will this course help me in the future?

This course can help students to gain entry to courses at TAFE or University level relating to: Arts, Journalism, Travel Photography, Teaching, Film and Music Industry, Information and Technology, Commercial and Graphic Arts including Fashion and Advertising. It can also help students who wish to obtain an apprenticeship in the fields of Professional Photographic Journalism.

Students will produce portfolios for interviews and resumes.

What else do I need to know?

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.

Contributions must be paid at the start of the course. Basic cost is \$45 p.a. plus additional cost of materials including films and paper. It is an advantage for students to have their own DSLR cameras but not mandatory.

Who should I contact for further information?

Ms McAuley, Head teacher CAPA and senior photography teacher in the CAPA Staffroom.

PHYSICS

Board Developed Course

Duration: 2 Year School

Delivered Category A



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.

Students who study physics are encouraged to use observations to develop quantitative models of real world problems and derive relationships between variables. They are required to engage in solving equations based on these models, make predictions, and analyse the interconnectedness of physical entities.

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

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.

		Modules	Indicative hours	Depth studies
Year 11 course (120 hours)	Working Scientifically Skills	Module 1 Kinematics	60	*15 hours in Modules 1–4
		Module 2 Dynamics		
		Module 3 Waves and Thermodynamics	60	
		Module 4 Electricity and Magnetism		

		Modules	Indicative hours	Depth studies
Year 12 course (120 hours)	Working Scientifically Skills	Module 5 Advanced Mechanics	60	*15 hours in Modules 5–8
		Module 6 Electromagnetism		
		Module 7 The Nature of Light	60	
		Module 8 From the Universe to the Atom		

*15 hours must be allocated to depth studies within the 120 indicative course hours.

How will I be assessed?

Students will be assessed with school -based assessments including a depth study in both years and an external examination in year 12.

How will this course help me in the future?

Physics allows future studies important in the study of Science, Technology, Engineering and Mathematics (STEM) specific fields can be entered with having studied Physics allowing links for interdisciplinary studies. Examples for future job opportunities-Aviation, Defence Forces (Electronics/Technicians), Engineering, Medicine, Health, Computing, Communications, Astronomy, Nuclear Studies and Physics.

What else do I need to know?

Science should be a strength and mathematics is important.

Who should I contact for further information?

Mr S Harrington and Mr M Ryan in the Science Department.

PRIMARY INDUSTRIES

Board Developed Course

Duration: 2 year School Delivered

Category B



AHC20110 Certificate II in Agriculture (AHC release 8)

Statement of Attainment towards AHC20110 Certificate II in Agriculture (AHC release 8)

2018 STAGE 6 COURSE DESCRIPTION – PRIMARY INDUSTRIES

This Course is available as	2Unit x 1year/120 hours	2Unit x 2years/240 hours	4Unit x 1year/240 hours
<p>The volume of learning usually includes 240 indicative hours and a minimum of 70 hours of work placement. All activities that the learner is required to be engaged in to complete this course are conducted under supervision.</p>			
<p>Our RTO is committed to providing high quality training to students. Please discuss course patterns with your school.</p>			
Board Developed Course	Category B status for Australian Tertiary Admission Rank (ATAR)		
<p>This curriculum framework includes courses which are accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.</p>			
<p>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 Agriculture, Horticulture and Primary industries. Students who are assessed as competent in sufficient units of competency will be eligible for a full Certificate qualification; partial completion will lead to a Statement of Attainment. Qualification pathway information is available from the Australian Apprenticeships Training Information Service:</p>			

Course structure: The following content will be addressed as part of this Qualification. Reduced or modified patterns of delivery may target specific units of competency. *Please discuss units of competency with your school.*

Compulsory/Core Units – HSC Examinable		Elective units
AHCOHS201A	Participate in OHS processes	Students may study a range of drawn from the following areas <ul style="list-style-type: none"> • Basic fencing • Weed and pest treatment and prevention • Use and maintenance of farm machinery • Safe use of tractors and other farm vehicles • Livestock care and welfare • Plants and propagation
AHCWRK209A	Participate in environmentally sustainable work practices	
AHCWRK201A	Observe and report on weather	
AHCCHM201A	Apply chemicals under supervision	
AHCWRK204A	Work effectively in the industry	
and either		
AHCLSK202A	Care for health and welfare of livestock	A variety of other units relevant to farm assistance and agricultural work may also be delivered by other RTOs. Talk to your school for more information.
AHCPMG202A	Treat plant pests, diseases and disorders	

Course contribution (to be made directly to school): \$20

Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course.

If you are unable to make contributions or are experiencing financial difficulty, please contact your school.

Refunds: Students who exit the course before completion may be eligible for a partial refund of fees. The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course.

Please discuss any matters relating to refunds with your school

Course specific resources and equipment:

Due to the specific nature of training and assessment in this industry area, the following specific resources and equipment are required of students undertaking this course.

Please discuss with your school if you are unable to, or have difficulty meeting these requirements.

Exclusions:

VET course exclusions can be checked on the Board's website at www.boardofstudies.nsw.edu.au/voc_ed/exclusions.html.

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

Credit Transfer and Recognition of Prior Learning (RPL)

Our RTO acknowledges the experience and prior learning of our students. Students who are able to present transcripts from other Australian RTOs or who are able to present relevant experiences in work may qualify for Credit Transfer (CT) or Recognition of Prior Learning. All applications for CT or RPL should be made to the course teacher.

Mandatory Work Placement

Students undertaking this course are required to complete work placement to a minimum hours as specified below. Work placement involves the student completing real work experiences in industry settings. In some courses, in-school events may contribute to mandatory work placement hours.

Where this is possible, students will be fully informed upon enrolment.

- 2 Unit x 1 year courses: 35 hours
- 2 Unit x 2 years courses: 70 hours
- 4 Units x 1 year courses 70 hours
- Some Specialisation Courses may require additional work placement

Optional HSC examination

Students completing this course are eligible to sit an optional, written HSC examination. 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 to receive an AQF VET qualification.

Specialisation studies

Students may be offered the opportunity to undertake additional units of competency and credit towards their qualifications via Specialisation Studies. Information will be made available to students where appropriate.

N Determinations

Where a student has not met NSW Board of Studies, Teaching and Education Standards, Teaching & Educational Standards (BOSTES) course completion criteria, (including meeting work placement requirements), they may receive an 'N' award warning (course not satisfactorily completed).

Students issued with an 'N' award warning will be issued with a rectification which must be completed. Students who receive more than 2 N awards may be at risk of not completing BOSTES requirements and may not be awarded the appropriate units of credit towards their HSC. Any unit of competency achieved will be awarded as part of the VET qualification.

Appeals

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

Qualification changes and updates

Due to the dynamic nature of VET, qualifications may change during the course of study. The RTO will ensure that students are fully informed of these changes and may transition students to the latest qualification during the course. The RTO will ensure that any change will be made with a minimum of disruption.

Employability skills:

There are eight Employability Skills: communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology. A summary of the employability skills developed through this qualification can be downloaded from

<http://employabilityskills.training.com.au/>

School-based Apprenticeships and Traineeships (SBATs)

A school-based traineeship is available in this course.

To express an interest or obtain further information go to <http://www.sbatjobs.info/>

Your school SBAT Coordinator, Careers Advisor, VET Coordinator or VET Teacher is available to discuss apprenticeship and traineeships as part of your HSC.

By enrolling in a VET qualification in NSW Public Schools Tamworth RTO 90162, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. You will be expected to complete assessments relevant to the qualification and adhere to the requirements of the NSW Board of Studies, Teaching and Education Standards, Teaching and Educational Standards.

Who should I contact for further information?

Dr. Willhoite in the Science staffroom.

SOCIETY AND CULTURE

Board Endorsed Course

2 UNIT

Category A



What will I be doing in this course?

Society and Culture is a course which allows you to discover yourself. Throughout the course you learn more about yourself as an individual; a family member; an adolescent and as a member of your peer group or subculture. The course subject matter examines relationships which we all encounter as people and citizens. You will learn how to acquire the skills and knowledge that will allow you to become a socially literate person who understands how societies and cultures operate.

Preliminary Course:

It consists of three compulsory sections: The Social and Cultural World; Personal and Social Identity; International Communication

HSC Course:

It consists of two compulsory sections: The Personal Interest Project (PIP); Social and Cultural Continuity and Change. There are also two depth studies from the following: Popular Culture; Belief Systems and Ideologies; Social Inclusion and Exclusion; Social Conformity and Nonconformity.

How will I be assessed?

A significant proportion of assessment is the Personal Interest Project (PIP), which will be worth 40% of the assessment total. This project is externally marked in Sydney and must be submitted on time. Internal assessment will consist of examinations, social and cultural research tasks and oral tasks.

How will this course help me in the future?

Society and Culture prepares students for immediate transition to work or for study at TAFE/University. Students learn to analyse issues, to write reports, to work in teams to conduct individual research, to communicate with a variety of people in many ways and to understand their place in the global community. The course is relevant for students now and in their future, especially for those interested in pursuing careers in counselling, social work, teaching, journalism and foreign affairs.

Who should I contact for further information?

Ms Cutter in the HSIE Staffroom.

SPORT, LIFESTYLE AND RECREATION STUDIES

Board Endorsed Course

Duration: 1 or 2 Year School Delivered

What will I be doing in this course?

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

This course is a logical extension of the PD, Health & PE in Years 7 to 10 and junior elective Recreation courses. It caters for a wide range of student needs and interests. Encouraging students to continue to develop their knowledge, skills and understanding of the role of sport, a healthy lifestyle and recreation in everyday life.

Main Topics Covered:

- History of Sport
- Healthy Lifestyles
- Sports Coaching
- Athletics
- Stick Games
- Sponsorship
- Recreational Sports
- Outdoor Recreation
- Aquatics
- Racquet Sports
- Drugs in Sport
- Relationships Psychology and Performance
- First Aid and Sport Injuries
- Fitness
- Sports Administration
- Ball Games
- Issues in Sport

How will I be assessed?

Laboratory exercises and reports, exams, practical participation, sporting journal and research assignments and presentations. There is no external examination.

How will this course help me in the future?

This course will benefit any student interested in Sport and Recreational studies. Developing the students as a performer, administrator, coach or trainer and increasing their awareness of a healthy lifestyle and the need to be active. One does not have to be a great athlete to select or achieve in this course.

What else do I need to know?

Some practical activities incur a cost and/or bus fare and 60% of the course is practical.

Who should I contact for further information?

Mr. S. Bilsborough in the PE Staffroom.

TEXTILES & DESIGN

Board Developed Course
Duration: 2 year School Delivered
Category A



What will I be doing in this course?

Textiles and Design is the study of technologies and the industries that use them in the production of materials and finished goods. It is intended that students will gain knowledge through practical experience. Therefore, emphasis is placed upon the process of making practical judgements to gain an appreciation of this technological era.

In the Preliminary and HSC course, students will study design, properties and performance of textiles and the Australian Textiles, Clothing, Footwear and Allied Industries.

In the HSC course, students will select from one focus area (apparel, furnishings, costume, textile art and non-apparel) and complete a Major Textiles Project with supporting documentation.

How will I be assessed?

Preliminary Assessment:

The preliminary course is assessed through practical work and associated folios.

Examinations will be conducted by the school for the Half Yearly and Yearly.

HSC Assessment:

The HSC course involves a major project and comprehensive folio.

Examinations will be conducted by the school for the Half Yearly and Trial, and externally for the HSC.

How will this course help me in the future?

This course will assist students who wish to take up careers in the textiles industry. Examples include fashion design, fabric designing and textiles technology.

What else do I need to know?

You must be willing to supply your own project materials for assessment tasks. The project being assessed for the HSC is marked externally and usually just after the middle of Term 3 of the HSC year.

Associated costs: Year 11 - \$60 plus materials; Year 12 - \$60 plus materials.

Who should I contact for further information?

Ms T Cheers in the Home Science Department.

VISUAL ARTS

Board Developed Course

Duration: 2 Year School Delivered

Category A



What will I be doing in this course?

The Preliminary course provides a foundation of skills in art making plus critical and historical study. It is not necessary to have studied art before undertaking this course but any previous studies would be an advantage.

Experience in art making will be gained by exploring a variety of media. These may include Ceramics, Drawing, Designed Objects and Environments, Digital Media (still and animated), Graphic Design, Painting, Photography, Printmaking, Sculpture, Textures and Fibre, Film and Video, Documented Forms and Interactive Works.

Art Studying skills will be developed through a broad investigation of ideas in art criticism and history. Students will explore agencies in the art world including artist, audience, artwork and world perspectives. Investigation of art works from different viewpoints (frames) will be included.

How will I be assessed?

Art Making – Body of work 50%, Art Criticism & Art History 50%. Students are required to record experiments, research and collect related material in a Visual Art Process Diary.

Assessment: HSC Course only

External Assessment: A written paper 50%, submission of a body of work 50%

Internal Assessment: Development of the body of work 50%, art criticism and art history 50%

How will this course help me in the future?

This course aids insight into other cultures and beliefs. Its wide scope encourages personal investigation and the development of individual ideas and modes of expression. Art related vocations include Advertising, Animation, Architecture, Art Conservation/Preservation, Design, Fine Arts, Graphics, Fashion, Film and Television, Theatrical Design, Teaching.

What else do I need to know?

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.

Contributions toward cost of materials - Year 11: \$45; Year 12: \$45 plus the cost of extra materials and mounts, frames etc. A visual arts process diary (sketchbook) is a mandatory requirement for Preliminary and HSC courses.

Who should I contact for further information?

Ms A. McAuley, Head Teacher CAPA

VISUAL DESIGN

2 Unit - Board Endorsed Course

Duration: 1 or 2 Year School Delivered

NO ATAR

What will I be doing in this course?

This course provides students with opportunities to explore careers in design.

It encourages students to practice graphic design, ceramics, mural art and interior/exterior design.

It enables students to pursue their interests in the products, materials, techniques and technologies that have a personal relevance and provides course modules that challenge and extend their intellectual and technical skills. These modules also provide for design projects that promote collaboration among students.

How will I be assessed?

Internal Assessment Only.

Designing and Making- Weighting: 70%

Relative Studies- Weighting: 30%

How will this course help me in the future?

Visual Design provides opportunities for students to pursue their abilities and interests in

Design fields that offer a wide range of tertiary courses and work opportunities. At a more general level it enables students to make design decisions related to their own lives. Related vocations include advertising, architecture, graphic design, fine arts, fashion, theatrical design, teaching, interior design and exterior design including landscaping and architectural elements.

What else do I need to know?

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.

Contributions toward cost of materials - Year 11: \$45; Year 12: \$45 plus the cost of extra materials and mounts, frames etc. A visual arts process diary (sketchbook) is a mandatory requirement for Preliminary and HSC courses.

Who should I contact for further information?

Ms A. McAuley, Head Teacher CAPA

WORK STUDIES

Board Endorsed Course
2 UNIT
NO ATAR

What will I be doing in this course?

This course has a practical orientation intended to allow students to develop a range of knowledge, skills and attitudes in actual workplace contexts. It is possible for students to undertake an extended work placement to allow for the development of specific job-related skills. Students may also undertake detailed research activities in a work setting.

Preliminary Course Modules:

Verbal Communications (how to address people in the workplace), Jobs for the Future (developing an understanding of jobs that will and will not be available in the future), Written Communications (Letters, CV's, business emails and SMS), Personal Development Skills (Understanding yourself better and goal seeking), Developing a Workplace Online Presence (Creating a digital presence that is beneficial to your career and lifestyle).

HSC Course Modules

STEM (Getting a better understanding of the world around us, through reviewing STEM careers, which are the highest paid). Understanding Money (how to budget and how to plan and save for the future). Understanding Work, (This revolves around the skills and knowledge to enter a lifetime in the workforce).The Workplace. (Understanding what exactly is work and why we need to work, apart from the money). Having a working understanding of the most common software that is used in the workplace (and at home)

How will I be assessed?

Internal exams only.

Practical and theory based project oriented assessment tasks, as per the Assessment Booklet.

How will this course help me in the future?

This course would have vocational application in career pathways such as Business Management, Your Working Life, where most jobs require a knowledge of Computing and Software Applications. The course also provides a working knowledge of the most used types computing software used by industry today.

What else do I need to know?

As part of the course students will be completing a number of project based assessment tasks, which form the main component of this course.

Who should I contact for further information?

Mr Mill in the Industrial Arts Staffroom

