



KARIONG MOUNTAINS
HIGH SCHOOL
UNITY ✓ KNOWLEDGE ✓ RESPECT

STAGE 6

SUBJECT GUIDE

2022

YEAR 11 PRELIMINARY 2022
YEAR 12 HSC 2023

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1 Studying for the Higher School Certificate

The Higher School Certificate (HSC) recognises 13 years of schooling. In the interests of greater career choices and increased opportunities at universities and TAFE, it offers a full range of study areas to match individual abilities, interests and goals.

Full details of the NSW Education Standards Authority (NESA) HSC Syllabuses can be found on the NESA website (<https://educationstandards.nsw.edu.au/wps/portal/nesa/home>). Also on the website are the HSC Rules in the Assessment, Certification and Examination (ACE) Handbook.

To be eligible for the HSC you must:

Hold a NSW ROSA or equivalent
or
Be granted provisional eligibility

In order to receive the HSC, you must:

- study an approved pattern of Preliminary and HSC courses
- have a satisfactory record of attendance and application in each course
- satisfactorily undertake the Assessment program for each course
- complete a sufficient number of Preliminary and HSC courses within five examination years.

General Information

Preliminary Courses are those usually taken in Year 11 and do not have an external examination.

HSC Courses are usually taken in Year 12 and end with a HSC examination. The study of HSC courses commences in Term 4 of Year 11.

You must complete the Preliminary Course in a subject before undertaking the HSC course in that subject.

Vocational Education and Training (VET) Courses are not classified as preliminary or HSC and can be studied in either or both years.

1.1 Course Patterns

Most courses offered for the Higher School Certificate have a 2 unit Preliminary and a 2 unit HSC Component. Each 2 unit course requires approximately 120 hours per year or 4 hours per week of classroom study.

Extension Courses are designed to build on the content of the 2 unit course and require the students to develop greater competence and understanding.

VET Courses may be counted as Preliminary or HSC Courses.

There are two types of courses:

- **Board Developed Courses**

These are the courses for which NESA develops a syllabus, setting out the aims, outcomes, structure and content. Most Board Developed HSC courses, including the VET Framework courses, may contribute to the calculation of the ATAR. All Board Developed Courses are delivered at school.

Life Skills courses are Board Developed Courses that are specifically designed to meet the needs of students within the context of an individual transition-planning process. They are not examined externally and do not contribute to an ATAR. Please see the Principal if you require details of Life Skills Courses.

- **Board Endorsed Courses**

All Board Endorsed Courses count towards the Higher School Certificate and are listed on the Record of Achievement. However, Board Endorsed Courses DO NOT count towards the calculation of the ATAR, as there is no external examination and assessment is school based.

1.2 Requirements for the Award of the HSC

English is the only compulsory Higher School Certificate subject.

To be eligible for the award of the HSC you must satisfactorily complete at least:

- 12 units in your preliminary study pattern (Year 11, Terms 1 – 3)
- 10 units in your HSC pattern (Year 12 – 4 terms starting Term 4 Year 11)

Both study patterns must include:

- At least six units of Board Developed courses
- At least two units of a Board Developed course in English
- At least three courses of two unit value or greater
- At least four subjects

Additional Conditions:

- No more than six units of Science courses in Year 11 and a maximum of seven Science units in Year 12.
- Only one Category B subject can count in the calculation of an ATAR.
- A serious attempt at the required HSC examinations must be made.

1.3 Accumulation of the HSC

Students may accumulate a HSC over a five year period. The five year period will commence in the first year a student attempts a HSC examination or completes a HSC VET course.

Students accumulating a HSC will receive a Results Notice for each calendar year of study. The cumulative record will record all Preliminary and HSC courses satisfactorily completed including repeat attempts. The mark of the final attempt on a particular course is the mark counted in the ATAR.

1.4 Vocational Education and Training (VET)

Vocational Education and Training courses teach industry specific skills that are relevant to future study and employment. These are competency based and allow you to gain both HSC qualifications and Australian Qualifications Framework (AQF) accreditation. The AQF qualifications are recognised by industry and employers throughout Australia and give students advanced standing in related study at TAFE in NSW. A workplace component is a compulsory part of all VET Framework courses.

1.4 Vocational Education and Training (VET) continued

The VET Framework courses offered at Kariong Mountains High School are:

Board Developed (Category B)		Board Endorsed
Construction Pathways Financial Services	Hospitality – Food and Beverage	Sport Coaching Music Industry Work Studies

Students undertaking frameworks that are Board Developed (Category B), must study the 240 hour course and undertake the optional written examination to have the course contribute to the ATAR calculation.

Other VET courses are Board Endorsed. These courses have no external examination and do not contribute to the ATAR.

The above courses are delivered at school. Other courses are delivered externally through TAFE or other providers and referred to as EVET.

Important things to consider when selecting EVET delivered courses:

- **Block delivery of course hours:** usually 1pm – 5pm or 2pm – 6pm one afternoon per week.
- **Travel to External Providers:** School bus passes cannot be used. Students must arrange and pay for their own transport.
- **Adult learning environment:** Students need to take responsibility for their own learning
- **Attendance is required at all lessons.** One missed lesson equals a week of course content missed.

School Based Apprentice Traineeship (SBAT)

All students entering Year 11 have the opportunity to sign up for a SBAT traineeship. These traineeships are offered in a number of areas, however, are subject to the availability of an employer. SBAT traineeships provide senior secondary students with three qualifications:

- A nationally recognised VET qualification under the Australian Qualifications Framework (AQF)
- A Certificate of Attainment towards a satisfactory completion of the traineeship.
- Credit towards the HSC (All these traineeships are Category B subjects)

For further details about SBAT traineeships, see Mrs Cutting.

1.5 Australian Tertiary Admission Rank (ATAR)

The Australian Tertiary Admission Rank (ATAR), formally known as the University Admission Index (UAI), is a number between 0 – 99.95 with increments of 0.05. It provides a measure of your overall academic achievement in the NSW HSC in relation to that of other students and assists institutions to rank applicants for tertiary selection. It is calculated by the institutions and released by UAC. The ATAR is a rank not a mark.

To be eligible for an ATAR you must satisfactorily complete at least 10 units of ATAR courses including at least 2 units of English and 8 units of Category A courses. The ATAR is based on an aggregate of scaled marks in ten units of ATAR courses comprising:

- The best two units of English.
- The best eight units from the remaining units, subject to the provision that no more than two units of Category B courses are included.

1.6 Assessment and Reporting

The HSC is based on a standards referenced framework. Student performance is assessed and reported against standards of achievement established for each course.

School based assessment tasks constitute 50% of the HSC mark. The other 50% comes from the HSC examination. The HSC mark for 2 unit courses is reported on a scale of 0 to 100. A mark of 50 represents the minimum standard expected. There are five performance bands above 50 that correspond to different levels of achievement in knowledge, skills and understanding. Band 6 corresponds to the highest level of achievement.

Summary of Courses Offered at Kariong Mountains High School

Board Developed Courses	Units (U)	ATAR	Special Notes	PAGE
Aboriginal Studies	2 units in Year 11 and 12	Yes		9
Ancient History	2 units in Year 11 and 12	Yes		9
History HSC Extension	1 unit in Year 12 only	Yes		18
Biology	2 units in Year 11 and 12	Yes		10
Business Studies	2 units in Year 11 and 12	Yes		10
Chemistry	2 units in Year 11 and 12	Yes		10
Community and Family Studies	2 units in Year 11 and 12	Yes	1 or 2 yr. course - depends on numbers	11
Design and Technology	2 units in Year 11 and 12	Yes		11
Drama	2 units in Year 11 and 12	Yes		12
Earth and Environmental Science	2 units in Year 11 and 12	Yes		13
Engineering Studies	2 units in Year 11 and 12	Yes		13
English Studies	2 units in Year 11 and 12	Yes/No	Yes, Category B - Must sit exam to qualify for ATAR	14
Standard	2 units in Year 11 and 12	Yes		15
Advanced	2 units in Year 11 and 12	Yes		15
Preliminary Extension 1	1 unit in Year 11 only	Yes	Teacher nomination may apply	16
HSC Extension 1	1 unit in Year 12 only	Yes		17
HSC Extension 2	1 unit in Year 12 only	Yes		17
Food Technology	2 units in Year 11 and 12	Yes		17
Geography	2 units in Year 11 and 12	Yes		18
Information Processes and Technology	2 units in Year 11 and 12	Yes		18
Investigating Science	2 units in Year 11 and 12	Yes		19
Legal Studies	2 units in Year 11 and 12	Yes	Teacher nomination may apply	20
Mathematics Standard	2 units in Year 11 and 12	Yes	In Year 12, this course splits into Category A or Category B strand	20
Advanced	2 units in Year 11 and 12	Yes		21
Extension 1	1 unit in Year 11 and 12	Yes	Teacher nomination may apply	21
Modern History	2 units in Year 11 and 12	Yes		22
History HSC Extension	1 unit in Year 12 only	Yes		18
Music 1	2 units in Year 11 and 12	Yes		22
Personal Development, Health and Physical Education - PDHPE	2 units in Year 11 and 12	Yes		22
Physics	2 units in Year 11 and 12	Yes		23
Science Extension	1 unit in Year 12	Yes		23
Society and Culture	2 units in Year 11 and 12	Yes		24
Studies of Religion	2 units in Year 11 and 12	Yes		24
Timber – Industrial Technology	2 units in Year 11 and 12	Yes		25
Visual Arts	2 units in Year 11 and 12	Yes		26
Board Endorsed Courses	Units	ATAR	Special Notes	
Exploring Early Childhood	2 units in Year 11 and 12	No	1 or 2 yr. course - depends on numbers	28
Marine Studies	2 units in Year 11 and 12	No	1 or 2 yr. course - depends on numbers	28
Mathematics Numeracy Course	2 units in Year 12	No	1 or 2 yr. course - depends on numbers	28
Photography, Video and Digital Imaging	2 units in Year 11 and 12	No	1 or 2 yr. course - depends on numbers	29
Sport, Lifestyle and Recreation	2 U in Years 11 &/or 12	No	1 or 2 yr. course - depends on numbers	29
Visual Design	2 units in Year 11 and 12	No	1 or 2 yr. course - depends on numbers	30
Virtual VET Courses				31-33
VET Courses	Units	ATAR		
Construction Pathways	2 units in Year 11 and 12	Yes, Category B		36
Financing Services Stream NEW	2 units in Year 11 and 12	Yes, Category B		37
Hospitality: Food and Beverage Stream	2 units in Year 11 and 12	Yes, Category B		38
Music Industry Introduction	2 units in Year 11 and 12	No		39
Skills for Work and Vocational Training	2 units in Year 11 and 12	No		40
Sport Coaching	2 units in Year 11 and 12	No		41
Courses incurring a subject fee				42

NOTE: As most students opt to only study 10 Units in Year 12 (HSC Course), some courses will terminate at the end of Year 11 due to significant decrease in numbers and therefore are no longer sustainable to run. Teacher nomination subjects are those in which numbers may be capped and admittance is based on the student's capacity to be successful with meeting the course outcomes.

BOARD DEVELOPED COURSES

These are courses for which NESA develops a syllabus, setting out the aims, objectives, outcomes, structure and content.

Board Developed Courses are mostly delivered at school. Some courses are TAFE delivered.

Most Board Developed HSC Courses, including the VET Framework courses, may contribute to the calculation of the ATAR.

Aboriginal Studies

Fees: No Fee

Course No: 15000
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

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

The Preliminary course covers:

- Aboriginality and the Land
- Heritage and Identity
- Colonialism, Racism and Prejudice
- International Indigenous Community: Comparative Study
- Research and Inquiry Methods: Local Community
- Case Study

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

The HSC course covers:

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

Ancient History

Fees: No Fee

Course No: 15020
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Year 11 course is structured to provide students with opportunities to develop and apply their understanding of methods and issues involved in the investigation of the ancient past. Through the use of archaeological and written sources, students investigate various aspects of the ancient world, including historical sites, people, societies, events and developments.

Studies undertaken in the Year 11 course should be selected from a range of societies.

Content may be integrated across the three sections of the course in the development of a teaching and learning program.

1 Investigating Ancient History

- a) The Nature of Ancient History
- b) Case Studies

Students undertake:

- at least ONE option from 'The Nature of Ancient History', AND
- at least TWO case studies.

ONE case study must be from Egypt, Greece, Rome or Celtic Europe. ONE case study must be from Australia, Asia, the Near East or the Americas.

2 Features of Ancient Societies

Students study at least TWO ancient societies through an investigation of:

- a different key feature for each society, OR
- one key feature across the societies selected.

A range of possible studies is provided within the 'Features of Ancient Societies' section of this syllabus.

3 Historical Investigation

The historical investigation is designed to further develop relevant investigative, research and presentation skills. The investigation should extend a particular area of individual student or group interest. The investigation may be undertaken as a standalone study or integrated into any aspect of the Year 11 course and need not be completed as one project. It may be conducted individually or collaboratively.

Further information about the investigation is provided within the 'Historical Investigation' section of this syllabus.

Year 12 Course Structure and Requirements

The Year 12 course is structured to provide students with opportunities to apply their understanding of archaeological and written sources and relevant historiographical issues in the investigation of the ancient past.

Historical concepts and skills

The Historical concepts and skills content is to be integrated throughout the course. The topics provide the contexts through which concepts and skills are to be developed. These provide the means by which students are able to engage in historical analysis and argument.

The course comprises a study of:

1. Core Study: Cities of Vesuvius – Pompeii and Herculaneum
2. ONE 'Ancient Societies' topic
3. ONE 'Personalities in their Times' topic
4. ONE 'Historical Periods' topic.

The course requires study from at least TWO of the following areas:

- Egypt
- Near East
- China
- Greece
- Rome

The core study, Cities of Vesuvius – Pompeii and Herculaneum, is a Roman study.

Biology

Fees: No Fee

Course No: 15030
2 units for Year 11 (Preliminary) and Year 12 (HSC)
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Year 11 course investigates cellular structure and provides a base for understanding the way in which multicellular organisms transport and absorb nutrients and carry out gas exchange. Exploring variations in the structures and functions of organisms provides an understanding of the effects of the environment on living things and how this leads to biodiversity.

The Year 12 course investigates reproduction, inheritance patterns and the causes of genetic variation in both plants and animals. Applications of this knowledge in biotechnology and various genetic technologies are explored in the light of their uses in the treatment, prevention and control of infectious and non-infectious diseases.

Year 11 - Core modules:

- Cells as the Basis of Life
- Organisation of Living Things
- Biological Diversity
- Ecosystem Dynamics

Year 12 - Core modules:

- Heredity
- Genetic Change
- Infectious Disease
- Non-infectious Disease and Disorders

Particular Course Requirements

Students are provided with 15 hours of course time for depth studies in both Year 11 and Year 12. During this time students may undertake an investigation/activity that allows for the further development of one or more scientific concepts.

A depth study may be one investigation/activity or a series of investigations/activities. Depth studies may be included in one module or across several modules.

Practical investigations are an essential part of the Year 11 and Year 12 courses and must occupy a minimum of 35 hours of course time each year.

Fieldwork is also mandated in Year 11 and is an integral part of the learning process.

Business Studies

Fees: No Fee

Course No: 15040
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

Business activity is a feature of everyone's life. The Business Studies syllabus encompasses the theoretical and practical aspects of business in ways students will encounter throughout their lives. It offers learning from the planning of a small business to the management of operations, marketing, finance and human resource in large businesses.

Contemporary business issues and case studies are embedded in the course to provide a stimulating and relevant framework for students to apply to problems encountered in the business environment. Business Studies fosters intellectual, social and moral development by assisting students to think critically about the role of business and its ethical responsibilities to society.

In the Preliminary Course students will study:

- Nature of business (20%) – the role and nature of business
- Business management (40%) – the nature and responsibilities of management
- Business planning (40%) – establishing and planning a small to medium enterprise

In the HSC Course students will study:

- Operations (25%) – strategies for effective operations management
- Marketing (25%) – development and implementation of successful marketing strategies
- Finance (25%) – financial information in the planning and management of business
- Human resources (25%) – human resource management and business performance

Chemistry

Fees: No Fee

Course No: 15050
2 units for Year 11 (Preliminary) and Year 12 (HSC)
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Year 11 course develops the knowledge, understanding and skills in relation to the properties and structures of matter, the types and drivers of chemical reactions and how we measure the quantities involved in these processes.

The Year 12 course builds on the concepts introduced in Year 11 by examining particular classes of chemicals, processes and a variety of chemical reactions which incorporate organic compounds and acid/base equilibrium reactions.

The course challenges students to apply this knowledge to the investigation of a range of methods used in

CHEMISTRY CONTINUED...

identifying and measuring quantities of chemicals which leads to an understanding of the structure, properties and trends of and between classes of chemicals.

Year 11 - Core modules:

- Properties and Structure of Matter
- Introduction to Quantitative Chemistry
- Reactive Chemistry
- Drivers of Reactions

Year 12 - Core modules:

- Equilibrium and Acid Reactions
- Acid/base Reactions
- Organic Chemistry
- Applying Chemical Ideas

Particular Course Requirements

Students are provided with 15 hours of course time for depth studies in both Year 11 and Year 12. During this time students may undertake an investigation/activity that allows for the further development of one or more scientific concepts.

A depth study may be one investigation/activity or a series of investigations/activities. Depth studies may be included in one module or across several modules.

Practical investigations are an essential part of the Year 11 and Year 12 courses and must occupy a minimum of 35 hours of course time each year.

family and community (approximately 40% of course time).

HSC Course

- Research Methodology Research methodology and skills culminating in the production of an Independent Research Project (approximately 25% of course time).
- Groups in Context the characteristics and needs of specific community groups (approximately 25% of course time).
- Parenting and Caring Issues facing individuals and groups who adopt roles of parenting and caring in contemporary society (approximately 25% of course time).

HSC Option Modules

Select one of the following (approximately 25% of course time):

- Family and Societal Interactions Government and community structures that support and protect family members throughout their lifespan.
- Social Impact of Technology The impact of evolving technologies on individuals and lifestyle.
- Individuals and Work Contemporary issues confronting individuals as they manage roles within both their family and work environments.

Particular Course Requirements

Students are required to complete an Independent Research Project as part of the HSC internal assessment. The focus of the Independent Research Project should be related to the course content of one or more of the following areas: individuals, groups, families, communities, resource management.

Community and Family Studies**Fees: No Fee**

Course No: 15060
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

Community and Family Studies is designed to develop in each student an understanding of the diverse nature and interdependence of families and communities, within Australian society.

The course enables students to plan and manage resources effectively in order to address contemporary issues facing families and communities.

Main Topics Covered**Preliminary Course**

- Resource Management Basic concepts of the resource management process (approximately 20% of course time).
- Individuals and Groups, The individual's roles, relationships and tasks within groups (approximately 40% of course time).
- Families and Communities Family structures and functions and the interaction between

Design and Technology**Fees: \$60**

Course No: 15080
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

The Preliminary course involves the study of both designing and producing. This is explored through areas such as design theory and practice, design processes, environmental and social issues, communication, research, technologies, and the manipulation of materials, tools and techniques. The course involves hands-on practical activities which develop knowledge and skills in designing and producing. The Preliminary course includes the completion of at least two design projects.

These projects involve the design, production and evaluation of a product, system or environment and include evidence of the design process recorded in a

DESIGN AND TECHNOLOGY CONTINUED...

design folio. The design folio can take a variety of different forms.

The HSC course applies the knowledge and understanding of designing and producing from the preliminary course. It involves the development and realisation of a Major Design Project, a case study of an innovation, along with the study of innovation and emerging technologies.

The study of the course content is integrated with the development of a Major Design Project, worth 60% of the HSC mark. This project requires students to select and apply appropriate design, production and evaluation skills to a product, system or environment that satisfies an identified need or opportunity. The case study of an innovation requires students to identify the factors underlying the success of the innovation selected, analyse associated ethical issues and discuss its impact on Australian society.

Preliminary Course

Involves both theory and practical work in designing and producing. This includes the study of design theory and practice, design processes, factors affecting design and producing, design and production processes, technologies in industrial and commercial settings, environmental and social issues, creativity, collaborative design, project analysis, marketing and research, management, using resources, communication, manufacturing and production, computer-based technologies, occupational health and safety, evaluation, and manipulation of materials, tools and techniques.

HSC Course

Involves the study of innovation and emerging technologies, including a case study (20%) of an innovation and the study of designing and producing including a Major Design Project. The project folio addresses three key areas: project proposal and project management, project development and realisation, and project evaluation.

Particular Course Requirements

In the Preliminary course, students must participate in hands-on practical activities and undertake a minimum of two design projects. The projects will develop skills and knowledge to be further developed in the HSC course. Students will develop their knowledge of the activities within industrial and commercial settings, which support design and technology and relate these processes to the processes used in their own designing and producing. Each project will place emphasis on the development of different skills and knowledge in designing and producing. This is communicated in a variety of forms, but students should be encouraged to communicate their design ideas using a range of appropriate media.

In the HSC course the activities of designing and producing that were studied in the Preliminary course are synthesised and applied. This culminates in the development and realisation of a Major Design Project and a case study of an innovation. Students should select and use the wide range of skills and knowledge

developed in the Preliminary course, appropriate to their selected project. They must also relate the techniques and technologies used in industrial and commercial settings to those used in the development of design projects.

Drama

Fees: \$12

Course No: 15090
2 units for each of Preliminary and HSC
Board Developed Course



What will I be doing in this course?

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

Preliminary Course

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

HSC Course

Australian Drama and Theatre and Studies in Drama and Theatre involve the theoretical study through practical exploration of themes, issues, styles and movements of traditions of theatre, exploring relevant acting techniques, performance styles and spaces.

The Group Performance (3-6 students) involves creating a piece of original theatre (8–12 minutes duration). It provides opportunity for each student to demonstrate his or her performance skills.

For the Individual Project, students demonstrate their expertise in a particular area. They choose one project from Critical Analysis or Design or Performance or Script-writing or Video Drama.

Main Topics Covered

Preliminary Course

- Improvisation, Play-building, 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

Particular Course Requirements

The Preliminary course informs learning in the HSC course. In the study of theoretical components, students engage in practical workshop activities and performances to assist their understanding, analysis and synthesis of material covered in areas of study. In preparing for the group performance, the published Course Prescriptions include a topic list which is used as a starting point. The Individual Project is negotiated between the student and

DRAMA CONTINUED...

the teacher at the beginning of the HSC course. Students choosing Individual Project Design or Critical Analysis must base their work on one of the texts listed in the published text list. This list changes every three years. Students must ensure that they do not choose a text or topic they are studying in Drama in the written component or in any other HSC course when choosing Individual Projects.

Earth and Environmental Science**Fees: No Fee**

Course No: 15100
2 units for Year 11 (Preliminary) and Year 12 (HSC)
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

The Year 11 course investigates compositional layers of the Earth, the origins of minerals, tectonic movements and energy transformations that occur and includes the study of human impact on the Earth's resources and its surface.

The Year 12 course investigates how the processes of plate tectonics, the formation of water and the introduction of life interact with the atmosphere, hydrosphere, lithosphere and climate. Investigation of hazards, the mitigation of their effects and resource management are also considered which leads to an understanding of the need to centralise the theme of sustainability for the long-term welfare of our planet and all forms of life dependent upon it.

Year 11 - Core modules:

- Earth's Resources
- Plate Tectonics
- Energy Transformations
- Human Impacts

Year 12 - Core modules:

- Earth's Processes
- Hazards
- Climate Science
- Resource Management

Particular Course Requirements

Students are provided with 15 hours of course time for depth studies in both Year 11 and Year 12. During this time students may undertake an investigation/activity that allows for the further development of one or more scientific concepts.

A depth study may be one investigation/activity or a series of investigations/activities. Depth studies may be included in one module or across several modules.

Practical investigations are an essential part of the Year 11 and Year 12 courses and must occupy a minimum of 35 hours of course time each year.

Fieldwork is mandated in both Year 11 and Year 12 and is an integral part of the learning process.

Engineering Studies**Fees: No Fee**

Course No: 11120 & 15120
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

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

Preliminary Course

Students undertake the study of 4 compulsory modules:

- THREE application modules based on engineering concepts and impacts through the study of engineering products. Engineering concepts and impacts are studied in each of the following categories:
 - Engineering Fundamentals
 - Engineered Products and
 - Braking Systems
- ONE focus module relating to the field of Biomedical Engineering.

HSC course

Students undertake the study of 4 compulsory modules:

- TWO application modules relating to the fields of:
 - Civil Structures and
 - Personal and Public Transport
- TWO focus modules relating to the fields of:
 - Aeronautical Engineering and
 - Telecommunications Engineering.

Particular Course Requirements

In the Preliminary course, students are required to produce a component of an engineering report in Engineering application module 3, Braking Systems, and then a complete engineering report in Engineering focus module 4, Biomedical Engineering.

In the HSC course, students are required to produce one engineering report from either of the two engineering application modules, and one from either of the two engineering focus modules.

One engineering report from the Preliminary course and one engineering report from the HSC course must be the result of collaborative work, reflecting the importance of teamwork for successful engineering projects.

English Studies

Fees: No Fee

Course No: 30110
2 units for each of
Preliminary and HSC
Board Developed Course
Exclusions: English
(Advanced);
English (Advanced);
English (ESL); English (Extension)



Please see the English Faculty/Careers Advisor before using this course on an ATAR pathway.

Course Entry Guidelines

This course is designed to meet the specific needs of students who wish to refine their skills and knowledge in English and consolidate their literacy skills. It is a course for students who are seeking an alternative to the English Standard course and who intend to proceed from school directly into employment or vocational training.

Due to changes in the English Studies course, students considering choosing this course should be advised that:

- English Studies is a Stage 6 Board Developed Course (Category B) to be implemented with Year 11 from 2018
- From the 2019 HSC, students will be able to sit for an optional HSC examination and will be reported on a common scale with the English Standard and English Advanced courses
- Students choosing not to sit for the English Studies HSC examination will still be eligible for the HSC if they have satisfactorily completed courses that comprise the pattern of study required by NESA
- To be eligible for an ATAR, students studying the English Studies course must complete the optional HSC examination and include a further 8 units of Category A courses in their pattern of study.

What will I be doing in this course?

In the English Studies course, students explore the ideas, values, language forms, features and structures of texts in a range of personal, social, cultural and workplace contexts.

They respond to and compose texts to extend experience and understanding, access information and assess its reliability, and synthesise the knowledge gained from a range of sources for a variety of purposes.

Main Topics Covered

Preliminary Course (120 indicative hours):

- Students study the mandatory module, 'Achieving through English: English in education, work and community' to develop an understanding of, and practical competence in, the use of language that allows access to opportunities in schooling, training and employment.
- Students study 2–4 additional syllabus modules (selected based on their needs and interests).

- Students may also study an optional teacher-developed module.

HSC Course (120 indicative hours):

- The HSC Common Content consists of one module Texts and Human Experiences, which is also common to the HSC Standard and the HSC Advanced courses where students analyse and explore texts and apply skills in synthesis.
- Students study 2–4 additional syllabus modules (selected based on their needs and interests).
- Students may also study an optional teacher-developed module.

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.

In each of the **Preliminary** and **HSC** courses students are required to:

- read, view, listen to and compose a wide range of texts including print and multimodal texts
- study at least one substantial print text (for example a novel, biography or drama)
- study at least one substantial multimodal text (for example film or a television series)
- be involved in planning, research and presentation activities as part of one individual and/or collaborative project
- develop a portfolio of texts they have planned, drafted, edited and presented in written, graphic and/or electronic forms across all the modules undertaken during the year
- engage with the community through, for example, visits, surveys, interviews, work experience, listening to guest speakers and/or excursions.

Year 12

In addition to the above requirements, students in Year 12 only are required to:

Study ONE text from the prescribed text list **and one related text** for the Common Module – Texts and Human Experiences.

English Standard

Fees: \$20

Course No: 15130
2 units for Year 11 (Preliminary)
and Year 12 (HSC)
Board Developed Course
Exclusions: English (Advanced);
English Studies; English EAL/D; English
(Extension)



What will I be doing in this course?

In the English Standard Year 11 course, students learn about language and literature by exploring and experimenting with the ways events, experiences, ideas and processes are represented in and through texts. Students study a range of texts which include prose fiction, drama, poetry, nonfiction, film, digital and media, as well as Australian texts.

In the English Standard Year 12 course, students further strengthen their knowledge and understanding of language and literature by reflecting on and demonstrating the effectiveness of texts, including their own, for different audiences and purposes. Students study at least three types of prescribed texts drawn from: prose fiction; poetry or drama; film or media or nonfiction texts.

Preliminary Course - The course has two sections:

- Content common to the English Standard and English Advanced courses is undertaken through a unit of work called Reading to Write: Transition to Senior English. Students explore texts and consolidate skills required for senior study.
- Two additional modules: Close Study of Literature, and Contemporary Possibilities in which students explore and examine texts and analyse aspects of meaning

HSC Course - The course has two sections:

- The HSC Common Content consists of one module Texts and Human Experiences which is common to the HSC Standard, the HSC Advanced and the HSC English Studies courses where students analyse and explore texts and apply skills in synthesis.
- Three additional modules which emphasise particular aspects of shaping meaning and demonstration of the effectiveness of texts for different audiences and purposes.

Course Requirements

Across the English Standard Stage 6 Course students are required to study:

- 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.

Year 11 - Students are required to study:

- one complex multimodal or digital text in Module A (this may include the study of film)
- one substantial literary print text in Module B, for example prose fiction, drama or a poetry text, which may constitute a selection of poems from the work of one poet
- a range of types of texts drawn from prose fiction, drama, poetry, nonfiction, film, media and digital texts
- a wide range of additional related texts and textual forms.

Year 12 - Students are required to study:

- at least three types of prescribed text, one drawn from each of the following categories: prose fiction; poetry or drama; film or media or nonfiction texts
- at least two additional prescribed texts from the list provided in Module C: The Craft of Writing
- at least one related text in the Common module: Texts and Human Experiences.

English Advanced

Fees: \$20

Course No: 15140
2 units for Year 11 (Preliminary)
and Year 12 (HSC)
Board Developed Course
Exclusions: English (Standard);
Fundamentals of English; English (ESL)



Please see the English Faculty before selecting this course.

What will I be doing in this course?

In the English Advanced Year 11 course, students explore, examine and analyse a range of texts which include prose fiction, drama, poetry, nonfiction, film, digital and media, as well as Australian texts. They explore the ways events, experiences, ideas, values and processes are represented in and through texts and analyse the ways texts reflect different attitudes and values.

In the English Advanced Year 12 course, students further strengthen their knowledge and understanding of language and literature by analysing and evaluating texts and the ways they are valued in their contexts. Students study at least four prescribed texts drawn from: Shakespearean drama; prose fiction; poetry or drama; film or media or nonfiction.

ENGLISH ADVANCED CONTINUED...

In this course, students develop their higher-order thinking skills to enhance their personal, social, educational, and vocational lives.

Main Topics Covered**Preliminary Course – The course has two sections:**

- Content common to the English Standard and English Advanced courses is undertaken through a unit of work called *Reading to Write: Transition to Senior English*. Students explore texts and consolidate skills required for senior study.
- Two additional modules: *Critical Study of Literature*, and *Narratives that Shape our World* in which students explore, examine and analyse the ways in which texts and contexts shape and are shaped by different attitudes and values.

HSC Course – The course has two sections:

- The HSC Common Content consists of one module Texts and Human Experiences which is common to the HSC Standard, the HSC Advanced and the HSC English Studies courses where students analyse and explore texts and apply skills in synthesis.
- Three additional modules which emphasise particular aspects of shaping meaning and representation, questions of textual integrity, ways in which texts are valued and the demonstration of the effectiveness of texts for different audiences and purposes.

Course Requirements

Across the English Advanced Stage 6 course students are required to study:

- 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

Particular Course Requirements

In the **Preliminary English (Advanced) Course** students are required to:

- a range of types of texts drawn from prose fiction, drama, poetry, nonfiction, film, media and digital texts
- a wide range of additional related texts and textual forms

HSC English (Advanced) Course requires the close study of:

- at least four prescribed texts, one drawn from each of the following categories: Shakespearean drama; prose fiction; poetry or drama. The remaining text may be film or media or a nonfiction text or may be selected from one of the categories already used
- at least two additional prescribed texts from the list provided in *Module C: The Craft of Writing*
- at least one related text in the *Common module: Texts and Human Experiences*.

English Extension**Fees: No Fee**

Course No: 11150: Year 11 English Extension

Course No: 15160: Year 12 English Extension 1

Course No: 15170: Year 12 English Extension 2. 1 unit for Year 11 (Preliminary) and Year 12 (HSC) Board Developed Course



(Please see the English Faculty before electing this course)

Prerequisites:

- English Advanced
- English Extension in Year 11 is a prerequisite for English Extension 1 in Year 12
- English Extension 1 in Year 12 is a prerequisite for English Extension 2

Exclusions: English Standard; English Studies; English EAL/D.

Course Description

In the English Extension Year 11 course, students explore the ways in which aspects and concerns of texts from the past have been carried forward, borrowed from and/or appropriated into more recent culture. They consider how and why cultural values are maintained and changed.

In the English Extension 1 Year 12 course, students explore, investigate, experiment with and evaluate the ways texts represent and illuminate the complexity of individual and collective lives in literary worlds.

In the English Extension 2 Year 12 course, students develop a sustained composition, and document their reflection on this process.

ENGLISH EXTENSION CONTINUED...

In studying these courses, students will develop skills to work independently to experiment with language forms, features and structures and to engage with complex levels of conceptualisation.

Course Content**Year 11**

The course has one mandatory module:

- Texts, Culture and Value as well as a related research project.

Year 12

English Extension 1 course – The course has one common module, Literary Worlds, with five associated electives. Students must complete one elective chosen from one of the five electives offered for study:

- Literary homelands
- Worlds of upheaval
- Reimagined worlds
- Literary mindscapes
- Intersecting worlds

English Extension 2 course – The course requires students to undertake a composition process in order to complete a Major Work and Reflection Statement.

Course Requirements

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

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

Year 11

Students are required to:

- examine a key text from the past and its manifestations in one or more recent cultures
- explore, analyse and critically evaluate different examples of such texts in a range of contexts and media
- undertake a related research project.

Year 12

In the English Extension 1 course students are required to study:

- at least three prescribed texts for the elective study which must include two extended print texts (as outlined in the English Stage 6 Prescriptions: Modules, Electives and Texts

Higher School Certificate 2019–2023 document)

- at least TWO related texts.

In the English Extension 2 course students are required to:

- Complete a Major Work which involves students undertaking extensive independent investigation involving a range of complex texts during the composition process and document this in their Major Work Journal and Reflection Statement.

Students can choose to compose in ONE of the following forms:

- short fiction
- creative non-fiction
- poetry
- critical response
- script – short film, television, drama
- podcasts – drama, storytelling, speeches, performance poetry
- multimedia.

Food Technology**Fees: \$75**

Course No: 15180
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

The Preliminary course will develop knowledge and understanding about food nutrients and diets for optimum nutrition, the functional properties of food, safe preparation, presentation and storage of food, sensory characteristics of food, the influences on food availability and factors affecting food selection. Practical skills in planning, preparing and presenting food are integrated throughout the content areas.

The HSC course involves the study of: sectors, aspects, policies and legislations of the Australian Food Industry; production, processing, preserving, packaging, storage and distribution of food; factors impacting, reasons, types, steps and marketing of food product development; nutrition incorporating diet and health in Australia and influences on nutritional status. Practical experiences in developing, preparing, experimenting and presenting food are integrated throughout the course.

In the Preliminary Course students will study:

- Food Availability and Selection (30%)
- Food Quality (40%)
- Nutrition (30%)

FOOD TECHNOLOGY CONTINUED...**In the HSC Course students will study:**

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

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

Geography**Fees: No Fee**

Course No: 15190
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

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

The HSC course enables students to appreciate geographical perspectives about the contemporary world.

There are specific studies about biophysical and human processes, interactions and trends. Fieldwork and a variety of case studies combine with an assessment of the geographers' contribution to understanding our environment and demonstrates the relevance of geographical study.

In the Preliminary Course, students will study:

- Biophysical Interactions
- Global Challenges
- Senior Geography Project

In the HSC Course, students will study:

- Ecosystems at Risk
- Urban Places
- People and Economic Activity

Students complete a senior geography project (SGP) in the Preliminary course and must undertake 12 hours of fieldwork in both the Preliminary and HSC courses.

History Extension**Fees: No Fee**

Course No: 15280
1 unit for Year 12 HSC
Board Developed Course
Exclusions: Nil

**Prerequisites:**

Year 11 Ancient History or Modern History is a prerequisite for entry into Year 12 History Extension.
Year 12 Ancient History or Modern History is a co-requisite for Year 12 History Extension.

Constructing History – Key Questions

Four key questions provide a framework for investigating the construction of history with a focus on historiography. Students engage in the complex and intellectually demanding study of History Extension by applying significant historiographical ideas and methodologies, which have evolved over time, to the investigation of these key questions:

- Who are historians?
- What are the purposes of history?
- How has history been constructed, recorded and presented over time?
- Why have approaches to history changed over time?

Constructing History – Case Studies

Students develop their understanding of significant historiographical ideas and methodologies by exploring ONE case study, with reference to THREE identified areas of debate and the key questions above. The case study provides for an examination of historiography within a specific historical context.

History Project

Students will undertake an individual investigative project, focusing on an area of changing historical interpretation.

Information Process and Technology**Fees: No Fee**

Course No: 15210
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

The Information Processes and Technology Stage 6 course, teaches students about information-based systems. It covers the processes of collecting, organising, analysing, storing and retrieving, processing, transmitting and receiving, and displaying, as well as the technologies that support them. With this background, students will be well placed to adapt to new technologies as they emerge.

IPT CONTINUED...

Through this course, students will gain a good working knowledge of:

- the key concepts of data, information and systems
- the interactive nature of effective information-based systems
- available and emerging information technologies
- the social and ethical issues associated with the use of information technology and information systems, such as equity and access, privacy, freedom of information and copyright
- the communication, personal and team skills necessary to ensure that an information systems solution is appropriate for the needs of the users
- related issues such as project management, documentation and user interfaces.

On successful completion of this course, students will be able to:

- select the most appropriate technology for a given situation
- design and implement an information-based system using a creative and methodical approach.

In the Preliminary Course students study:

- Introduction to Information Skills and Systems (20%)
- Tools for Information Processes (50%)
- Developing Information Systems (30%)

In the HSC Course students study:

- Project Management (20%)
- Information Systems and Databases (20%)
- Communication Systems (20%)
- Option Strands (40%): Students will select TWO of the following options:
 - Transaction Processing Systems
 - Decision Support Systems
 - Automated Manufacturing Systems
 - Multimedia Systems

Investigating Science**Fees: No Fee**

Course No: 15215
2 units for Year 11 (Preliminary) and Year 12 (HSC)
Board Developed Course
Exclusions: Nil



Note: The Investigating Science Stage 6 course may be studied as a stand-alone course or in combination with any other science course(s). Students studying

Investigating Science as a stand-alone course may select to study Science Extension in Year 12.

What will I be doing in this course?

The Year 11 course focuses on the centrality of observation in initiating the scientific process and examines the human tendency to draw inferences and make generalisations from these observations. Students learn about the development and use of scientific models and the similarities and differences between scientific theories and laws.

The Year 12 course builds on the skills and concepts learnt in Year 11 with students conducting their own scientific investigations and communicating their findings in scientific reports.

Students are provided with the opportunity to examine the interdependent relationship between science and technology and apply their knowledge, understanding and skills to scientifically examine a claim. The course concludes with students exploring the ethical, social, economic and political influences on science and scientific research in the modern world.

The Year 11 Course consists of four modules:

- Cause and Effect – Observing
- Cause and Effect – Inferences and Generalisations
- Scientific Models
- Theories and Laws

The Year 12 course consists of four modules:

- Scientific Investigations
- Technologies
- Fact or Fallacy?
- Science and Society

Particular Course Requirements

Students are provided with 30 hours of course time for depth studies in both Year 11 and Year 12. During this time students may undertake an investigation/activity that allows for the further development of one or more scientific concepts.

A depth study may be one investigation/activity or a series of investigations/activities. Depth studies may be included in one module or across several modules.

Practical investigations are an essential part of the Year 11 and Year 12 courses and must occupy a minimum of 35 hours of course time each year.

Legal Studies

Fees: No Fee

Course No: 15220
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Preliminary course develops students' knowledge and understanding of the nature and functions of law and law-making, the development of Australian and international legal systems, the Australian constitution and law reform. It examines an individual's rights and responsibilities, how disputes are resolved and examines a contemporary issue concerning the individual and technology. Students have the opportunity to investigate issues that illustrate how the law operates in practice. This is achieved by investigating, analysing and synthesising legal information and investigating legal issues from a variety of perspectives.

The HSC course investigates the key areas of law, justice and human rights through a variety of focus studies which consider how changes in societies influence law reform.

In the Preliminary Course students will study:

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

In the HSC Course students will study:

- Core Part I: Crime (30% of course time)
- Core Part II: Human Rights & protection (20%)
- Core Part III: Two options (50% of course time)
Chosen from:
 - Consumers
 - Family
 - Global environment
 - Indigenous peoples
 - Shelter
 - Workplace
 - World order.

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

Mathematics Standard

Fees: No Fee

Course No: 11236
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Mathematics Advanced



What will I be doing in this course?

The Mathematics Standard Year 11 course is a common course for all students studying the Mathematics Standard syllabus. In Year 12 students can elect to study either the Mathematics Standard 1 Year 12 course (Category B) or the Mathematics Standard 2 Year 12 course (Category A). Mathematics Standard 1 candidates require consultation with the Head Teacher Mathematics and Careers Advisor.

The study of Mathematics Standard 2 in Stage 6:

- enables students to develop their knowledge, understanding and skills in working mathematically and in communicating concisely and precisely
- provides opportunities for students to consider various applications of mathematics in a broad range of contemporary contexts through the use of mathematical modelling and use these models to solve problems related to their present and future needs
- provides opportunities for students to develop an understanding of and skills in further aspects of mathematics for concurrent HSC studies
- provides an appropriate mathematical background for students entering the workforce or undertaking further tertiary training.

The Mathematics Standard 2 course comprises of five Topics, with the Topics divided into Subtopics.

The Topics are:

- Algebra (Year 11 & 12)
- Measurement (Year 11 & 12)
- Financial Mathematics (Year 11 & 12)
- Statistical Analysis (Year 11 & 12)
- Networks (Year 12)

Mathematics Standard Year 12 Options

Fees: No Fee

2 units in Year 12
Exclusions: Mathematics Standard 2, Mathematics Advanced



Please see the Mathematics Faculty and Careers Advisor before using this course on an ATAR pathway.

NOTE: Student must sit optional HSC exam to be ATAR eligible in this course

MATHEMATICS YEAR 12 OPTIONS CONTINUED...

Prerequisites: The Mathematics Standard 1 course has been constructed on the assumption that students have studied the content and achieved the outcomes of the Mathematics Years 7 – 10 Syllabus (2002) up to, and including, the content and outcomes of Stage 5.1 and successfully completed Mathematics Standard Year 11.

What will I be doing in this course?

The HSC Mathematics Standard 1 course is designed to promote the development of knowledge, skills and understanding in areas of mathematics that have direct application to the broad range of human activity, including a range of post-school pathways requiring a variety of mathematical and statistical techniques. The HSC Mathematics Standard 1 course provides an appropriate foundation for a range of vocational pathways, either in the workforce or in further training.

In the HSC Mathematics Standard 1 Course students will study:

- Financial Mathematics
- Data Analysis
- Measurement
- Probability
- Algebraic Modelling
- Mathematics and Design

Mathematics Advanced**Fees: No Fee**

Course No: 11255
2 units for each of Preliminary and HSC Board Developed Course
Exclusions: Mathematics Standard, Mathematics Standard 1 (Year 12)

**What will I be doing in this course?**

The Mathematics Advanced course is a calculus-based course focused on developing student awareness of mathematics as a unique and powerful way of viewing the world to investigate order, relation, pattern, uncertainty and generality.

The study of Mathematics Advanced in Stage 6:

- enables students to develop their knowledge, understanding and skills in working mathematically and in communicating concisely and precisely
- provides opportunities for students to consider various applications of mathematics in a broad range of contemporary contexts through the use of mathematical modelling and use these models to solve problems related to their present and future needs

- provides opportunities for students to develop ways of thinking in which problems are explored through observation, reflection and reasoning
- provides a basis for further studies in disciplines in which mathematics and the skills that constitute thinking mathematically have an important role
- provides an appropriate mathematical background for students whose future pathways may involve mathematics and its applications in a range of disciplines at the tertiary level.

The Mathematics Advanced course content is comprised of six Topics, with the Topics divided into Subtopics.

The Topics are:

- Functions (Year 11 & 12)
- Trigonometric Functions (Year 11 & 12)
- Calculus (Year 11 & 12)
- Statistical Analysis (Year 11 & 12)
- Exponential and Logarithmic Functions (Year 11)
- Financial Mathematics (Year 12)

Mathematics Extension 1**Fees: No Fee**

Course No: 11250
1 unit in each of Preliminary and HSC Board Developed Course
Exclusions: Mathematics Standard, Mathematics Standard 1 (Year 12)



Prerequisites: For students who intend to study the Mathematics Extension 1 course, **consultation with Head Teacher Mathematics is required.**

It is recommended that they study the Stage 5.3 optional topics (identified by #) Curve Sketching and Polynomials, Functions and Logarithms, and Circle Geometry in Year 10.

What will I be doing in this course?

- The Mathematics Extension 1 Year 11 course includes the Mathematics Advanced Year 11 course.
- The Mathematics Extension 1 Year 12 course includes the Mathematics Advanced Year 12 course.
- The Mathematics Extension 2 Year 12 course includes the Mathematics Extension 1 Year 12 course, and therefore also the Mathematics Advanced Year 12 course.

MATHEMATICS EXTENSION 1 CONTINUED...**The study of Mathematics Extension 1 in Stage 6:**

- enables students to develop thorough knowledge, understanding and skills in working mathematically and in communicating concisely and precisely
- provides opportunities for students to develop rigorous mathematical arguments and proofs, and to use mathematical models extensively
- provides opportunities for students to develop their awareness of the interconnected nature of mathematics, its beauty and its functionality
- provides a basis for progression to further study in mathematics or related disciplines and in which mathematics has a vital role at a tertiary level
- provides an appropriate mathematical background for students whose future pathways may involve mathematics and its applications in such areas as science, engineering, finance and economics.

The Mathematics Extension 1 course content is comprised of seven Topics, with the Topics divided into Subtopics.

The Topics are:

- Trigonometric Functions (Year 11 & 12)
- Calculus (Year 11 & 12)
- Functions (Year 11)
- Combinatorics (Year 11)
- Proof (Year 12)
- Vectors Statistical Analysis (Year 12)

Modern History**Fees: No Fee**

2 units for each of Preliminary and HSC Board Developed Course

Course No: 15270

Exclusions: Nil

**What will I be doing in this course?**

The Year 11 course is structured to provide students with opportunities to develop and apply their understanding of methods and issues involved in the investigation of modern history. Students investigate various aspects of the modern world, including people, ideas, movements, events and developments.

- Investigating Modern History
 - The Nature of Modern History
 - At least TWO Case Studies
- Historical Investigation
- The Shaping of the Modern World

The Year 12 course is structured to provide students with opportunities to apply their understanding of sources and relevant historiographical issues in the investigation of the modern world.

- Core Study: Power and Authority in the Modern World 1919–1946
- ONE National Study
- ONE Peace and Conflict
- ONE Change in the Modern World

Students are required to study at least ONE non-European/Western topic.

In the **Preliminary course**, 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. Studies must not overlap with or duplicate significantly any topic to be attempted in the Year 12 Modern History or History Extension courses.

Music 1**Fees: No Fee**

Course No: 15290

2 units for each of Preliminary and HSC Board Developed Course

Exclusions: Music 2

**What will I be doing in this course?**

In the Preliminary and HSC courses, students will study the concepts of music through the learning experiences of performance, composition, musicology and aural within the context of a range of styles, periods and genres. Students study three topics in each year of the course. Topics are chosen from a list of 21 which covers a range of styles, periods and genres.

HSC course

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

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

Personal Development, Health and Physical Education

Fees: No Fee

Course No: 15320
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Preliminary course examines a range of areas that underpin health and physical activity. This includes how people think about health and physical activity, the management of personal health and the basis for how the body moves. Students have the opportunity to select from a range of practical options in areas such as first aid, outdoor recreation, composing and performing, and fitness choices.

In the HSC course, students focus on major issues related to Australia's health status. They also look at factors that affect physical performance. They undertake optional study from a range of choices.

This includes investigating the health of young people or of groups experiencing health inequities. In other options, students focus on improved performance and safe participation by learning about advanced approaches to training or sports medicine concepts. There is also an opportunity to think critically about the factors that impact on sport and physical activity in Australian society.

In the Preliminary Course, students will study:

- Better Health for Individuals
- The Body in Motion

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

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

In the HSC Course, students will study:

- Health Priorities in Australia
- Factors Affecting Performance

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

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

Physics

Fees: No Fee

Course No: 15330
2 units for Year 11 (Preliminary) and
Year 12 (HSC)
Board Developed Course
Exclusions: Nil



What will I be doing in this course?

The Year 11 course develops student's knowledge, understanding and skills relevant to the study of motion, how we describe it and what causes it. The course also examines energy in its different forms and how we describe and measure electricity and magnetism and their interrelated effects.

The Year 12 course provides avenues for students to apply the concepts they were introduced to in Year 11 to motion in two dimensions, electromagnetism, theories of light, the atom and the Universe.

Year 11

Core modules.

- Kinematics
- Dynamics
- Waves and Thermodynamics
- Electricity and Magnetism

Year 12

Core modules:

- Advanced Mechanics
- Electromagnetism
- The Nature of Light
- From the Universe to the Atom

Particular Course Requirements

Students are provided with 15 hours of course time for depth studies in both Year 11 and Year 12. During this time students may undertake an investigation/activity that allows for the further development of one or more scientific concepts.

A depth study may be one investigation/activity or a series of investigations/activities. Depth studies may be included in one module or across several modules.

Practical investigations are an essential part of the Year 11 and Year 12 courses and must occupy a minimum of 35 hours of course time each year.

Science Extension

Fees: No Fee

Course No: 15345
1 unit for Year 12 (HSC)
Board Developed Course
Exclusions: Nil



Note: Students who have shown an achievement in, and/or aptitude for, any of the Stage 6 Science courses: Biology, Chemistry, Earth and Environmental Science, Investigating Science or Physics, in Year 11 may choose to study Science Extension in Year 12.

SCIENCE EXTENSION CONTINUED...**What will I be doing in this course?**

Science Extension is a new course with a focus on the authentic application of scientific research skills to produce a Scientific Research Report generally acceptable for publication. Students propose and develop a research question, formulate a hypothesis and develop evidence-based responses to create their Scientific Research Report which is supported by a Scientific Research Portfolio. The four modules integrate the skills of Working Scientifically within the course content to form the framework for the Scientific Research Project.

Year 12 - Core modules:

- The Foundations of Scientific Thinking
- The Scientific Research Proposal
- The Data, Evidence and Decisions
- The Scientific Research Report

Prerequisite courses for Science Extension Year 12 are one of, or a combination (up to 6 units of study) of, Biology, Chemistry, Earth and Environmental Science, Investigating Science or Physics in Year 11.

Co-requisite courses for Science Extension Year 12 are one of, or a combination (up to 7 units of study) of, Biology, Chemistry, Earth and Environmental Science, Investigating Science or Physics in Year 12.

Students must propose and develop a research question, formulate a hypothesis and develop evidence-based responses in the form of a Scientific Research Report, which is supported by a Scientific Research Portfolio.

The Scientific Research Report is a result of the student's own work and must adhere to the principles and practices of good scholarship, as identified in the HSC: All My Own Work course. While students may collaborate with and draw upon the expertise, knowledge and data held by others in developing their Scientific Research Report and Portfolio, this assistance must be referenced using accepted protocols.

All scientific research must be sensitive to community expectations and individual school requirements in relation to the question being interrogated. Students must adhere to ethical practices in the collection and analysis of data and the communication of results.

Society and Culture**Fees: No Fee**

Course No: 15350
2 units for each of Preliminary and HSC - Board Developed Course
Exclusions: Nil

**What will I be doing in this course?**

Society and Culture deals with areas of interest and relevance to students and develops knowledge, understanding, skills, values and attitudes essential to an appreciation of the social world. The interaction of

persons, society, culture, environment and time and how they shape human behaviour is a central theme of study. Students develop an understanding of research methodologies and undertake research in an area of particular interest to them. The research findings are presented for external assessment in the Personal Interest Project (PIP).

Preliminary Course

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

HSC Course Core

- Social and Cultural Continuity and Change – the nature, continuity and change, research and study of a selected country
- The Personal Interest Project – an individual research project.

Depth Studies - Two to be chosen from:

- Popular Culture – the interconnection between individuals and popular culture
- Belief Systems – role of belief systems in societies, cultures and personal life
- Social Inclusion and Exclusion – the nature of social inclusion and exclusion and the implications for individual groups
- Social Conformity and Non-Conformity – the nature of the formation, and influences on, attitudes and behaviours of groups and their members.

Particular Course Requirements: Completion of Personal Interest Project.

Studies of Religion**Fees: No Fee**

Course No: 15380
2 units for each of Preliminary and HSC Board Developed Course
Exclusions: None

**What will I be doing in this course?**

The syllabus is designed for students in all schools and ensures students study more than one religious tradition. The course enables students to come to an understanding that each religious tradition has its own integrity and contributes to a well-ordered society. It endeavours to assist in the provision of a context within which schools have the opportunity to foster students' academic, affective and spiritual development.

Studies of Religion emphasises the development of skills of analysis, independent research, collaboration and

STUDIES OF RELIGION CONTINUED...

effective communication. These skills empower students to become critically reflective life-long learners.

Studies of Religion provides a learning experience that prepares students for further education and training, employment and full and active participation as citizens within society.

Preliminary Course:

- Nature of Religion and Beliefs
- Religious Tradition Study 1
- Religious Tradition Study 2
- Religious Tradition Study 3
- Religions of Ancient Origin
- Religion in Australia pre-1945

HSC Course:

- Religion and Belief Systems in Australia Post – 1945
- Religious Tradition Depth Study 1
- Religious Tradition Depth Study 2
- Religious Tradition Depth Study 3
- Religion and Peace
- Religion and Non-religion

Timber - Industrial Technology**Fees: \$60**

Course No: 15200
2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Some Industry Focus areas
with similar VET Curriculum Framework
streams and Content Endorsed
Courses

**What will I be doing in this course?**

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

Industrial Technology Stage 6 consists of project work and an industry study that will develop a broad range of skills and knowledge related to the focus area chosen for the course.

The Focus Areas include: Graphics Technologies; Multimedia Technologies **OR** Timber Products and Furniture Technologies.

In the Preliminary Course students will study:

- Industry Study – structural, technical, environmental and sociological factors, personnel issues, Occupational Health and Safety (15%)
- Design – elements and principles, types of design, quality, influences affecting design (10%)
- Management and Communication – development of practical projects; research, analysis and evaluation; skills in managing a project and developing and presenting a management folio; computer-based technologies (20%)
- Production – display a range of skills through the construction of a number of projects (40%)
- Industry Related Manufacturing Technology – understanding of a range of materials, processes, tools and equipment, machinery and technologies (15%)

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

- Industry Study (15%)
- Major Project (60%)
- Design, Management and Communication Production
- Industry Related Manufacturing Technology (25%)

Particular Course Requirements

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

In the HSC course, students design, develop and construct a Major Project with a management folio. They will also undertake a study of the overall industry related to the specific focus area industry.

Visual Arts

Fees: \$70 + major works

Course No: 15400

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Projects developed for
assessment in one subject are not to be
used either in full or in part for
assessment in any other subject.



What will I be doing in this course?

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

In the Preliminary Course opportunities focus on:

- the nature of practice in artmaking, art criticism and art history through different investigations
- the role and function of artists, artworks, the world and audiences in the art world
- the different ways the visual arts may be interpreted and how students might develop their own informed points of view
- how students may develop meaning and focus and interest in their artwork
- building understandings over time through various investigations and working in different forms.

In the HSC Course learning opportunities focus on:

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

In the Preliminary Course students need to produce:

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

In the HSC Course students need to produce:

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

BOARD ENDORSED COURSES

Board endorsed courses
count toward the HSC.

**Board endorsed courses
DO NOT count
towards the calculation
of the ATAR.**

BOARD ENDORSED COURSES

Exploring Early Childhood

Fees: No Fees

Exclusions: Nil

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



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

The study of this course will enable students to:

- develop an awareness and understanding of the growth, development and learning of young children and the importance of the early childhood years
- recognise the uniqueness of all children, including those who have special needs
- become aware of the value of play in the lives of children, and consider means of providing safe and challenging environments for play
- identify the range of services developed and provided for young children and their families
- consider the role of family and community in the growth, development and learning of young children
- reflect upon potential implications for themselves as adults, in relation to young children
- understand and appreciate the diversity of cultures within Australia and the ways in which this influences children and families
- become aware of the work opportunities available in the area of children's services

Marine Studies

Fees: \$35

2 units for each of Preliminary and HSC years

Exclusions: Nil



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

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

What will I be doing in this course?

Marine Studies provides an opportunity for students to view these issues in a comprehensive and global perspective. Marine Studies provides an educational context, linked to the needs of a significantly coastal and waterways-based population, fostering links to tertiary study and vocational pathways. Further, this syllabus brings a wide range of marine-based leisure experiences to students in a safe setting.

Marine Studies provides for both practical and theoretical learning and students acquire skills to solve real life problems.

Through Marine Studies students will develop:

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

Mathematics Numeracy Course

Fees: No Fee

2 units for each of Preliminary and HSC years

Exclusions: Mathematics Advanced



What will I be doing in this course?

This course is appropriate for students who need further opportunities to develop essential numeracy skills required for everyday life, including work, learning, community engagement and personal contexts. Numeracy involves drawing on knowledge of particular contexts and circumstances in deciding when to use mathematics, choosing the mathematics to use, and critically evaluating its use. The Numeracy course provides opportunities for students to develop 21st-century knowledge, skills, understanding, values and attitudes.

Numerical reasoning and mathematical thinking are supported by an atmosphere of questioning, communicating, reasoning and reflecting and are engendered by opportunities to generalise, challenge, find connections and to think critically and creatively.

This course is perfect for those students who have not met the minimum HSC requirements in numeracy. The study of Numeracy in Stage 6 enables students to build upon existing numeracy skills and to develop and improve their capability to:

NUMERACY CONTINUED...

- interpret and use numerical information
- solve problems using visual, spatial, financial and statistical literacy skills
- think mathematically in practical situations
- represent and communicate information
- use the context to determine the reasonableness of solutions.

In order to manage situations and solve problems relating to their present and future needs.

- the arranged image
- temporal accounts.

A Work Health and Safety Module is mandatory. The additional module Individual / Collaborative Project extends students' learning experiences and may reflect students' increasing interests and desire to specialise in one or more of these fields or explore the connections further between the fields.

Particular Course requirements

Students are required to keep a process diary throughout the course.

Photography, Video and Digital Imaging

Fees: \$70 + major works

Course No: 35228

2 units for each of Preliminary and/or HSC years

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.



Photography, Video and Digital Imaging offers students the opportunity to explore contemporary artistic practices that make use of photography, video and digital imaging. These fields of artistic practice resonate within students' experience and understanding of the world and are highly relevant to contemporary ways of interpreting the world. The course offers opportunities for investigation of one or more of these fields and develops students' understanding and skills, which contribute to an informed critical practice.

The course is designed to enable students to gain an increasing accomplishment and independence in their representation of ideas in the fields of photography and/or video and/or digital imaging, and understand and value how these fields of practice invite different interpretations and explanations.

Students will develop knowledge, skills and understanding through the making of photographs, and/or videos and/or digital images that lead to and demonstrate conceptual and technical accomplishment. They will also develop knowledge, skills and understanding that lead to increasingly accomplished critical and historical investigations of photography and/or video and/or digital imaging.

Main Topics Covered

Modules may be selected in any of the three broad fields:

- wet photography
- video
- digital imaging

Modules include:

- introduction to the field
- developing a point of view
- traditions, conventions, styles and genres
- manipulated forms

Sport, Lifestyle and Recreation

Fees: No Fee

2 units for Preliminary and/or HSC years

Sport, Lifestyle and Recreation focuses aspects of learning area that relate most closely to participation in sport and physical activity.



This course makes a positive contribution to the total wellbeing of students. They develop knowledge and understanding of the value of physical activity, increased levels of movement skill, competence in a wide variety of sport and recreation contexts and skills in planning to be active. These and other aspects of the course enable students to adopt and maintain an active lifestyle.

This course caters for a wide range of student needs. It can assist students in developing:

- the qualities of a discerning consumer and an intelligent critic of physical activity and sport
- high levels of performance skill in particular sports
- the capacity to adopt administrative roles in community sport and recreation
- the skills of coach, trainer, first aid officer, referee and fitness leader. In the context of this course it may be possible for students to acquire recognised qualifications in these areas.

Main Topics Covered

Students will study 6-12 modules from the following selection:

- Aquatics
- Athletics
- Dance
- First Aid and Sports Injuries
- Fitness
- Games and Sports Applications I
- Games and Sports Applications II
- Gymnastics
- Healthy Lifestyle

SPORT, LIFESTYLE & RECREATION CONTINUED...

- Individual Games and Sports Applications
- Outdoor Recreation
- Resistance Training
- Social Perspectives of Games and Sports
- Sports Administration
- Sports Coaching and Training

The areas of sports science, physical education and human movement present viable post-school study and career pathways. This course provides a sound platform for further study and may offer some credit transfer opportunities into TAFE. The Sport and Recreation industry is a major growth industry and, in this course, students will gain an understanding and appreciation of the vocational possibilities in this area.

Visual Design

Fees: \$70 plus major works and additional printing

Course No: 35103

2 units for each of Preliminary and HSC years

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



This course provides students with opportunities to exploit the links between art and design by designing and making images and objects in which aesthetic qualities and symbolic meanings are as important as practical function. It encourages students to explore the practices of graphics, wearable, product and interior/exterior designers in contemporary societies and promotes imaginative and innovative approaches to design within the context of the Australian environment and culture.

Through the critical and historical study of designed images and objects, students are able to analyse and make informed judgements about the designed works that surrounds them. They learn to appreciate the designed works which have been important to other societies and which continue to shape approaches to contemporary design.

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.

Visual Design Stage 6 builds on related studies in Visual Design Stage 5 and Visual Arts Years 7–10; however, it is **not** a prerequisite to have studied any of the arts subjects in Stage 5. Visual Design also allows students to enhance their study of the Higher School Certificate courses in Visual Arts and Design and Technology.

Under current TAFE arrangements, this course is a pathway to TAFE. Units completed may be recognised as prior learning in TAFE courses which have similar competencies.

Modules Covered:

- Graphic Design
- Wearable Design
- Product Design
- Interior/Exterior Design

Particular Course Requirements:

- making constitutes 70% of the course and critical and historical studies 30%
- Work, Health and Safety (mandatory module in all topics)
- portfolio of designed works and use of a process diary
- investigations of ideas in criticism and history.

Note: Year 11 students may need to supply some additional speciality materials if required. Year 12 students may need to supply some materials for their HSC Body of Work.

VIRTUAL VET COURSES

These HSC virtual VET courses are ATAR eligible and lead to a nationally recognised qualification.

Virtual VET courses are TAFE developed and students should be considered as ‘virtually’ enrolled in a TAFE VET course.

Currently, the virtual VET courses are scheduled to run Monday afternoons, with an after-school component. Additional teacher-lead lessons run through the subject line timetabled lessons.

Please note: these courses are **new**, commencing in 2022.

Students are only able to select **one course** from this list (following two pages).

Automotive: Automotive Technology

Course name / code: AUR20720 Certificate II in Automotive Vocational Preparation **ATAR eligible:** Yes
Mandatory Placement hours: 70

Certificate II in Automotive Vocational Preparation equips you with the skills to work as a vehicle service assistant or automotive parts interpreter. Be prepared to take on a trade course and get set for a long career in this innovative and evolving industry.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/automotive-technology>

Business Services: Entrepreneurship

Course name / code: BSB30120 Certificate III in Business **ATAR eligible:** Yes
Mandatory Placement hours: 70

In this Certificate III in Business you will learn to develop financial plans and present business proposals to support your start up business.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/entrepreneurship>

Business Services: Health Administration

Course name / code: BSB30120 Certificate III in Business **ATAR eligible:** Yes
Mandatory Placement hours: 70

This course with a focus on medical administration will provide you with the opportunity to work in medical and allied health practices, private surgeries and hospitals.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/health-administration>

Business Services: Real Estate

Course name / code: BSB30120 Certificate III in Business, SOA towards CPP31519 Certificate III in Real Estate Practice **ATAR eligible:** Yes
Mandatory Placement hours: 70

This course with a focus on medical administration will provide you with the opportunity to work in medical and allied health practices, private surgeries and hospitals.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/real-estate>

Electrotechnology: Robotics

Course name / code: UEE22020 Certificate II in Electrotechnology (Career Start) **ATAR eligible:** Yes
Mandatory Placement hours: 70

Your introduction to the world of electrical systems. You will learn the essentials for entry-level work in this skills shortage area and be ready to take on an electrotechnology trade qualification.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/robotics>

Human Services: Allied Health Assistant

Course name / code: HLT33015 Certificate III in Allied Health Assistance **ATAR eligible:** Yes
Mandatory Placement hours: 70

Are you a compassionate person with a desire to help others in need? Then the Certificate III in Allied Health Assistance will help you turn your passion for community health into a rewarding career.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/allied-health-assistant>

Human Services: Care in Ageing

Course name / code: CHC33015 Certificate III in Individual Support **ATAR eligible:** Yes
Mandatory Placement hours: 70

Certificate III in Individual Support (Ageing) is your starting point for a rewarding career. With an ageing population, you will be in demand in this high growth industry, caring for people in both residential, home and community care settings.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/care-in-ageing>

Information and Digital Technology: Cyber Security

Course name / code: ICT30120 Certificate III in Information Technology **ATAR eligible:** Yes
Mandatory Placement hours: 70

Certificate III in Information Technology will provide you with knowledge and skills in information technology focussing on cyber security, to identify and manage threats, protecting organisations from harm.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/cyber-security>

Information and Digital Technology: Game Design

Course name / code: ICT30120 Certificate III in Information Technology **ATAR eligible:** Yes
Mandatory Placement hours: 70

Certificate III in Information and Digital Technology with a focus on game design will provide you with the skills to launch your career in the digital gaming industry. You will gain knowledge in programming and developing basic digital games.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/game-design>

Information and Digital Technology: Web Development

Course name / code: ICT30120 Certificate III in Information Technology
ATAR eligible: Yes **Mandatory Placement hours:** 70

Gain competency in a range of Information and Communications Technology (ICT) roles with Certificate III in Information Technology. Develop the skills and knowledge to create, modify and test websites.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/web-development>

Primary Industries: Conservation and Ecosystem Management

Course name / code: AHC21020 Certificate II in Conservation and Ecosystem Management
ATAR eligible: Yes
Mandatory Placement hours: 70

On successful completion of the Certificate II in Conservation and Ecosystem Management you will have the skills and knowledge needed to work under supervision or as an assistant to a supervisor in the conservation and land management industry.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/conservation-and-ecosystem-management>

Primary Industries: Horticulture

Course name / code: AHC20416 Certificate II in Horticulture
ATAR eligible: Yes
Mandatory Placement hours: 70

Certificate II in Horticulture is the place to start your career as a horticulture assistant. Get your hands dirty as you learn how to create and maintain beautiful gardens, assist in soil sampling and nurture plants back to health.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/horticulture>

Retail Services: Digital Supply Chain

Course name / code: SIR30216 Certificate III in Retail **ATAR eligible:** Yes **Mandatory Placement hours:** 70

Certificate III in Retail gives you the essential skills and knowledge you need for a career in retail where you use a supply chain to serve customers in the expanding eCommerce sector.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/digital-supply-chain>

Retail Services: Social Media

Course name / code: SIR30216 Certificate III in Retail **ATAR eligible:** Yes **Mandatory Placement hours:** 70

Learn to develop and manage social media and online strategies in an evolving retail environment. Build the skills and knowledge to meet an organisation's social media requirements while gaining skills to work in a diverse range of retail settings.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/social-media>

Tourism, Travel and Events: Events and Virtual Experiences

Course name / code: SIT30516 Certificate III in Events **ATAR eligible:** Yes
Mandatory Placement hours: 70

Certificate III in Events is your ticket into the events, tourism and hospitality industry. You will learn all aspects of event coordination and gain the essential hands-on skills for running a successful event.

Virtual VET Course Details:

<https://education.nsw.gov.au/public-schools/career-and-study-pathways/skills-at-school/virtual-vet-courses/events-and-virtual-experiences>

VET COURSES

VET courses teach industry specific skills that are relevant to future study and employment.

Students must undertake the optional written examination to have the course contribute to the ATAR calculation.

**Please see the Careers Advisor for information regarding:
Externally Delivered VET Courses (EVET)
and
School Based Traineeships (SBAT).**

VOCATIONAL EDUCATION AND TRAINING PUBLIC SCHOOLS NSW, MACQUARIE PARK RTO 90222 Vocational Education and Training (VET) Courses

Public Schools NSW, Macquarie Park RTO 90222 is accredited as a Registered Training Organisation (RTO) to deliver and assess VET qualifications to secondary students.

By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive the AQF VET qualification Certificate I, II or III, students must meet the assessment requirements of the Industry Training Package (<http://training.gov.au>).

Students will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESAs. When a student achieves a unit of competency it is signed off by a qualified assessor. To achieve the qualification students must be deemed competent in all units of competency.

Vocational Education and Training (VET) courses are offered as part of the Higher School Certificate (HSC) or Record of School Achievement (RoSA). VET courses are designed to deliver workplace-specific skills and knowledge and cover a wide range of careers and industries. VET courses for secondary students are developed by the NSW Educational Standards Authority (NESA) and are based on National Training packages.

VET courses allow students to gain both HSC or RoSA qualifications and a national qualification or a statement of attainment recognised throughout Australia as part of the Australian Qualification Framework (AQF). These qualifications are widely recognised by industry, employers and tertiary training providers and will assist students to move to various education and training sectors and employment.

Board Developed VET courses are classified as Category B subjects and ONLY ONE may contribute to the calculation of the Australian Tertiary Admission Rank (ATAR). These courses have an optional HSC examination. Students wishing to include a VET course in the ATAR calculation must sit the HSC examination after they have completed a minimum of 4 Preliminary and/or HSC units.

Board Developed VET courses have specified workplace requirement and include 70 hours of industry specific **mandatory work placement** or simulated workplace hours at school as specified by NESA.

Board Endorsed VET Courses count towards the HSC or RoSA but do not have HSC examinations and therefore do not count in the calculations of the ATAR. Some Board Endorsed VET Courses have mandatory industry specific work placement.

Assessment in all VET courses is competency based. The student is assessed on what they can do (the skills) and what they know (the knowledge) that will equip them in the workplace. Students who have successfully achieved competency will have the skills and knowledge to complete workplace activities in a range of different situations and environments, to an industry standard of performance expected in the workplace.

Competency-based assessment materials are designed to ensure each learner has achieved all the outcomes (skills and knowledge) to the level of the qualification. Competency-based training is based on performance standards that have been set by industry.

Students will receive documentation showing any competencies achieved for the VET course undertaken (Transcript).

Due to the specific requirements of a VET course it is recommended students speak to the VET Coordinator, VET Teacher or Careers Adviser before choosing the course to ensure they are fully aware of the requirements and that the course is suitable for their individual needs, knowledge and skills.

Construction Pathways Course Descriptors 2022

Public Schools NSW, Macquarie Park RTO 90222

QUALIFICATION: CPC20211 Certificate II in Construction Pathways

*This qualification will be updated in 2022. A new course descriptor with updated units of competency will be provided to students prior to course commencement.



Education

Course: Construction (240 indicative hours) Board Developed Course Number: *26201		Total of 4 units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The *CPC20211 Certificate II in Construction Pathways is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the CPC08 Construction, Plumbing and Services Training Package (Release 9.7) (https://training.gov.au/Training/Details/CPC08). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
Units of Competency			
6 Core		6 Electives (cont.)	
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	CPCCCA2011A	Handle carpentry materials-Group B
CPCCCM1012A	Work effectively and sustainably in the construction industry	CPCCCM2006B	Apply basic levelling procedures-Group H
CPCCCM1013A	Plan and organise work	CPCCCO2013A	Carry out concreting to simple forms-Group H
CPCCCM1014A	Conduct workplace communication	CPCCJN2001A	Assemble components-Group F
CPCCCM1015A	Carry out measurements and calculations	CPCCJN2002B	Prepare for offsite manufacturing processes-Group F
CPCCCM2001A	Read and interpret plans and specifications	Additional units required to attain an HSC credential in this course	
6 Electives		CPCCCA2003A	Erect and dismantle formwork for footings and slabs on the ground
CPCCCA2002B	Use carpentry tools and equipment-Group B	CPCCCM2005B	Use construction tools and equipment
		#CPCCWHS1001	Prepare to work safely in the construction industry
#Successful completion CPCCWHS1001 Prepare to work safely in the construction industry will lead to a General Construction Induction Card (White Card) issued by SafeWork NSW. This is a legal requirement before entering a construction site across Australia.			
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the construction industry involves:			
▪ communication	▪ problem-solving	▪ teamwork	▪ initiative and enterprise
Examples of occupations in the construction industry			
▪ Builder	▪ shopfitter and joiner	▪ bricklayer	
Mandatory course requirements to attain an HSC credential in this course Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning.			
Admission Requirements To enrol in *CPC20211 Certificate II in Construction Pathways, students require the physical ability to safely carry out manual activities such as lifting, carrying and shifting loads of materials and climbing, use construction tools and equipment and safely work with a variety of construction materials. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities, and assignments.			
Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.			
Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.			
Optional HSC examination for ATAR purposes The optional Higher School Certificate Examination is independent of the competency based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.			
Course consumables: \$60.00 + WhiteCard will be delivered by Coastal OH&S Services onsite at school \$110.00 (approx.) Students must have Australian approved steel cap work boots for this course. Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i>			
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. <i>Please discuss any matters relating to refunds with your school</i>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			

Course: Financial Services – Financial Services Stream (240 indicative hours) Board Developed Course Number: 27201		Total 4 of units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The FNS30120 Certificate III in Financial Services is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the FNS Financial Services Training Package (Release 6.1) (http://training.gov.au). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
Units of Competency			
1 Core FNSINC301 Work effectively in the financial services industry 12 Electives BSBWHS211 Contribute to health and safety of self and others FNSFLT311 Develop and apply knowledge of personal finances FNSACC313 Perform financial calculations FNSINC301 Produce spreadsheets BSBTWK201 Work effectively with others		Electives (cont). FNSACC311 Process financial transactions and extract interim reports FNSACM312 Reconcile financial transactions FNSACM313 Process authorised payments FNSRTS308 Balance cash holdings BSBINS309 Maintain business records FNSRTS311 Provide customer service in a retail agency	
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the financial services industry involves:			
<ul style="list-style-type: none"> ▪ administrative, clerical and customer service roles in banking ▪ retail financial services 		<ul style="list-style-type: none"> ▪ credit management ▪ insurance writers 	
Examples of occupations in the Financial Services Industry			
<ul style="list-style-type: none"> ▪ bank teller ▪ accountant 	<ul style="list-style-type: none"> ▪ insurance clerical officer ▪ office administrator 	<ul style="list-style-type: none"> ▪ financial adviser ▪ customer service 	
Mandatory course requirements to attain an HSC credential in this course Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning. It is permissible for up to 50% of the work placement requirement to be undertaken in a simulated work environment.			
Admission Requirements To enrol in FNS30120 Certificate III in Financial Services , students should be interested in working in the financial sector. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities and assignments			
Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.			
Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.			
Optional HSC examination for ATAR purposes The optional Higher School Certificate Examination is independent of the competency based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.			
Course consumables: \$20.00 Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> 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. <i>Please discuss any matters relating to refunds with your school</i>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			



Course: Hospitality (240 indicative hours) Board Developed Course Number: 26511		Total 4 of units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The SIT 20316 Certificate II in Hospitality is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the SIT Tourism, Travel and Hospitality Training Package (Release 1.2) (http://training.gov.au). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
SIT 20316 Certificate II in Hospitality		Units of Competency	
<p>6 Core</p> <p>SITXWHS001 Participate in safe work practices BSBWOR203 Work effectively with others SITHIND002 Source and use information on the hospitality industry SITXCCS003 Interact with customers SITHIND003 Use hospitality skills effectively SITXCOM002 Show social and cultural sensitivity</p> <p>6 Electives</p> <p>SITXFSA001 Use hygienic practices for food safety; Group A</p>		<p>SITHFAB005 Prepare and serve espresso coffee; Group B SITHFAB007 Serve food and beverage; Group B SITXFSA002 Participate in safe food handling practices; Group B SITHFAB004 Prepare and serve non-alcoholic beverages; Group B SITHCCC003 Prepare and present sandwiches; Group B</p> <p>Additional units required to attain an HSC credential in this course</p> <p>SITHCCC001 Use food preparation equipment SITXCOM001 Source and present information Group B BSBSUS201 Participate in environmentally sustainable work practices Group B</p>	
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the hospitality industry involves:			
<ul style="list-style-type: none"> Supporting and working with colleagues to meet goals and provide a high level of customer service 		<ul style="list-style-type: none"> Prepare for front of house service, manage resources, preparing and serving a range of food and beverages 	
Examples of occupations in the Hospitality Industry			
<ul style="list-style-type: none"> Café Attendant 	<ul style="list-style-type: none"> Food and Beverage Attendant 	<ul style="list-style-type: none"> Barista 	
Mandatory course requirements to attain a HSC credential in this course Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning.			
<p>Admission Requirements To enrol in SIT 20316 Certificate II in Hospitality, students should be interested in working in a hospitality environment preparing and serving food and beverages to customers. They should be able to lift and carry equipment and use hand held and larger commercial equipment. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. Students may be required to participate in after-hours school events and functions. There will be out of class homework, research activities and assignments.</p>			
<p>Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the qualified assessor. To achieve the qualification above, students must be deemed competent in all units of competency.</p> <p>Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.</p> <p>Optional HSC examination for ATAR purposes The optional Higher School Certificate Examination is independent of the competency-based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.</p>			
<p>Course consumables: \$80 + Hospitality uniform \$85.00 (approx.) (at student cost, through uniform shop) and leather enclosed shoes. Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i></p> <p>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. <i>Please discuss any matters relating to refunds with your school</i></p>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			

Course: Music Industry (240 indicative hours) Board Endorsed Course Number: 65169		Total of 4 units of credit – Preliminary and/or HSC. This course does not contribute to an Australian Tertiary Admission Rank (ATAR)	
The CUA30915 Certificate III in Music Industry is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the CUA Creative Arts & Culture Training Package (Release 4.1) (https://training.gov.au/Training/Details/CUA). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
CUA30915 Certificate III in Music Industry		Units of Competency	
4 Core BSBWHS201 Contribute to health and safety of self and others CUACMP301 Implement copyright arrangements CUJIND303 Work effectively in the music industry CUAMLT302 Apply knowledge of style and genre to music industry practices		7 Electives CUAMCP301 Compose simple songs or musical pieces (Group A) CUAMCP303 Develop simple musical pieces using electronic media (Group A) CUAMPF302 Prepare for performances (Group A) CUAMPF303 Contribute to backup accompaniment (Group A) CUAMPF304 Make a music demo (Group A) CUAMPF305 Develop improvisation skills (Group A) CUASOU301 Undertake live audio operations	
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the Music industry involves:			
Music performance, staging and recording identifying and selecting appropriate instruments, equipment and communicating with clients and performers. This course is for students who wish to develop knowledge and skills to commence a career and be an effective employee in the music industry.			
Examples of occupations in the Music industry			
▪ Band member / Musician	▪ Music industry worker e.g. music retail assistant	▪ Musician (instrumental)	
Mandatory course requirements to attain an HSC credential in this course Students must complete 240 Indicative hours of course work. Work placement is strongly recommended.			
Admission Requirements To enrol in CUA30915 Certificate III in Music Industry , students should be interested in working in a Music Industry environment. They should be able to lift and carry equipment. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. Students may be required to participate in after-hours school events and functions. There will be out of class homework, research activities, and assignments.			
Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.			
Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.			
External Assessment There is no Higher School Certificate (HSC) examination for the Music Industry course.			
Course consumables: \$20.00 Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i>			
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. <i>Please discuss any matters relating to refunds with your school</i>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			



Skills for Work and Vocational Pathways (Work Studies) Course Descriptor 2022

Public Schools NSW, Macquarie Park RTO 90222

QUALIFICATION: Statement of Attainment towards

FSK20113 Certificate II in Skills for Work and Vocational Pathways

**This qualification will be updated in 2022. A new course descriptor with updated units of competency will be provided to students prior to course commencement.*

<p>Course: Skills for Work and Vocational Pathways (120 indicative hours) Board Endorsed Course Number: 65244</p>	<p>Total of 2 units of credit – Preliminary or HSC This course will be delivered in one year. Does not contribute to the Australian Tertiary Admission Rank (ATAR)</p>
<p>The *FSK20113 Certificate II in Skills for Work and Vocational Pathways is accredited for the Higher School Certificate and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation. This course is designed for individuals who require further foundation skills development to prepare for workforce entry and/or vocational training pathways.</p>	
<p>By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the based on FSK – Foundation Skills Training Package (Release 1.1) https://training.gov.au/Training/Details/FSK). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.</p>	
<p>Students will receive a Statement of Attainment towards FSK20113 Certificate II in Skills for Work and Vocational Pathways Units of Competency (Attempt All Units)</p>	
<p>Core</p> <ul style="list-style-type: none"> *FSKDIG03 Use digital technology for routine workplace tasks *FSKLRG09 Use strategies to respond to routine workplace problems *FSKLRG11 Use routine strategies for work-related learning *FSKNUM14 Calculate with whole numbers and familiar fractions, decimals and percentages for work *FSKNUM15 Estimate, measure and calculate with routine metric measurements for work *FSKRDG10 Read and respond to routine workplace information *FSKWTG09 Write routine workplace texts 	<p>Electives- Foundation Skills</p> <ul style="list-style-type: none"> *FSKOCM04 Use oral communication skills to participate in workplace meetings *FSKRDG09 Read and respond to routine standard operating procedures <p>Electives- Vocational units</p> <ul style="list-style-type: none"> *BSBITU211 Produce digital text documents *BSBITU212 Create and use spreadsheets
<p>Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.</p>	
<p>Pathways to Industry This selection of electives is suitable for students who require:</p>	
<ul style="list-style-type: none"> ▪ a pathway to employment or vocational training ▪ reading, writing, numeracy, oral communication and learning skills at Australian Core Skills Framework (ACSF) Level 3 	<ul style="list-style-type: none"> ▪ entry level digital literacy and employability skills ▪ a vocational training and employment plan
<p>This course is suitable for students who require:</p> <ul style="list-style-type: none"> • a pathway to employment or vocational training • reading, writing, numeracy, oral communication and learning skills at Australian Core Skills Framework (ACSF) Level 3 • entry level digital literacy and employability skills • a vocational training and employment plan. <p>Skills and knowledge gained in this course are transferable to vocational training pathways and employment in various industries and occupations.</p>	
<p>Admission Requirements *FSK20113 Certificate II in Skills for Work and Vocational Pathways represents an option for students to develop and demonstrate key employability skills and a range of foundation skills to employers. This course is project based and projects will be determined by the school. The course provides an opportunity for students to demonstrate skills in literacy and numeracy along with communication and problem solving skills that relate directly to the workplace. There will be out of class homework, research activities and cluster-based assessments for students to complete. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities, and assignments.</p>	
<p>Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. When a student achieves a unit of competency it is signed off by the qualified assessor. To achieve the qualification above students must be deemed competent in all units.</p>	
<p>Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.</p>	
<p>Course consumables: \$10.00 Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> 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. <i>Please discuss any matters relating to refunds with your school</i></p>	
<p>Exclusions: VET course exclusions can be confirmed with the school.</p>	

Sport Coaching Course Descriptor 2022

Public Schools NSW, Macquarie Park RTO 90222

QUALIFICATION: SIS30519 Certificate III in Sport Coaching

The information may change due to Training Package and NSW Education Standards Authority (NESA) updates. Notification of variations will be made in due time with minimum disruption or disadvantage.

Course: Sport Coaching (240 indicative hours) Board Endorsed Course Number: 50418		Total of 4 units of credit – Preliminary and/or HSC	
The SIS30519 Certificate III in Sport Coaching is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the SIS Sport, Fitness and Recreation Training Package (Release 4) (http://training.gov.au). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
Units of Competency			
6 Core		Electives	
BSBRSK401	Identify risk and apply risk management processes	SISSSCO012	Coach sports participants up to an intermediate level
HLTAID003	Provide first aid	SISXCAI009	Instruct strength and conditioning techniques
HLTWHS001	Participate in workplace health and safety	SISSSOF002	Continuously improve officiating skills and knowledge
SISSSCO002	Work in a community coaching role	SISXDIS001	Facilitate inclusion for people with a disability
SISSSCO003	Meet participant coaching needs	SISXIND006	Conduct sport, fitness and recreation events
SISSSCO005	Continuously improve coaching skills and knowledge		
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the sport industry involves:			
<ul style="list-style-type: none"> ▪ assisting coaching sport ▪ application of sports and competition rules 		<ul style="list-style-type: none"> ▪ teaching basic sports skills ▪ organising and completing daily tasks 	
Examples of occupations in the Sport Industry			
<ul style="list-style-type: none"> ▪ sports trainer or coach ▪ sports official 		<ul style="list-style-type: none"> ▪ athletic support worker ▪ administration officer 	
<ul style="list-style-type: none"> ▪ community coach 			
Mandatory course requirements to attain a HSC credential in this course Students must complete a minimum of 35 hours work placement over two years to practise and extend their learning.			
Admission Requirements To enrol in SIS30519 Certificate III in Sport Coaching , students will be required to work in teams and perform under supervision or independently in a sporting environment or school. Students must be aware that they will need to have the physical ability to participate in the practical skills required for the course, and play a variety of sports and be able to demonstrate sports skills to junior players. These are inherent skill requirements for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities, and assignments.			
Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the qualified assessor. To achieve the qualification above students must be deemed competent in all units.			
Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.			
Course consumables: \$20.00 + First aid course \$80-\$110 (approx.) Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> 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. <i>Please discuss any matters relating to refunds with your school.</i>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			

Courses Incurring a Subject Fee

Stage 6 Subject Fees 2022

Course Name	Cost
Board Developed Courses	
Design and Technology	\$60
Drama	\$12
English Standard	\$20
English Advanced	\$20
Food Technology	\$75
Timber – Industrial Technology	\$60
Visual Arts	\$70 + major works
Board Endorsed Courses	
Marine Studies	\$35
Photography, Video and Digital Imaging	\$70 + major works
Visual Design	\$70 + major works
VET Courses	
Construction Pathways	\$60 + White Card course (~\$110) + Uniform (~\$85)
Financing Services Stream	\$20
Hospitality: Food and Beverage Stream	\$80 + Uniform ~\$85
Music Industry Introduction	\$20
Skills for Work and Vocational Pathways	\$10
Sport Coaching	\$20 + First Aid Course (approx. \$80 - \$110)