



Moorefield Girls
High School

Year 11 and Higher School Certificate

2021 - 2022

Subject Selection Booklet

INSPIRING YOUNG WOMEN

Stage 6 Courses 2021 – 2022

Subject	Category	Cost
Ancient History	Category A	Nil
Business Services (VET)	Category B	\$30.00
Business Studies	Category A	Nil
Community and Family Studies	Category A	Nil
Drama	Category A	Nil
Economics	Category A	Nil
English (Standard, Advanced, EAL/D)	Category A	Nil
English Extension 1 (Extension 2, Year 12)	Category A, 1 Unit	Nil
English Studies	Category B	Nil
Exploring Early Childhood (CEC)	Non ATAR	\$15.00 Yr11
Food Technology	Category A	\$80.00
Geography	Category A	Nil
Hospitality (Kitchen Operations) VET	Category B	\$200.00 includes uniform
Information and Digital Media Technology (VET)	Category B	\$80 over 2 years
Information Process and Technology	Category A	Nil
Language (Italian, Modern Greek Beginners, Modern Greek Continuers)	Category A	Nil
Legal Studies	Category A	Nil
Mathematics Advanced	Category A	Nil
Mathematics Standard 1	Category B	Nil
Mathematics Standard 2	Category A	Nil
Mathematics Extension 1 (Extension 2, Year 12)	Category A, 1 Unit	Nil
Modern History	Category A	Nil
Music 1	Category A	\$10.00
PD/Health/PE	Category A	Nil
Photography Video and Digital Imaging (CEC)	Non ATAR	\$40.00
Retail Services (VET)	Category B	\$30.00
Science (Biology/Chemistry/Physics/Earth and Environmental)	Category A	Nil
Science Extension (Year 12)	Category A, 1 Unit	Nil
Society and Culture	Category A	Nil
Sport, Lifestyle and Recreation (CEC)	Non ATAR	Nil
Software Design and Development	Category A	Nil
Textiles and Design	Category A	\$40.00
Visual Arts	Category A	\$50.00

All costs are subject to change. Updated information will be provided at the end of 2020 school year.

All courses are available for student selection for 2020 – 2021. The courses which run will be decided through majority student choice and maintenance of breadth in the curriculum.

All of the following information is explained in our PowerPoint presentation with voiceover.

Year 11 and Year 12 Requirements					
Number of Units Required	<p>All students must undertake a minimum of 12 Units of study in the Year 11 Course.</p> <p>All students must take a minimum of 10 Units of study in the Year 12 Course.</p>	Eligibility for HSC	<p>Students selection must include:</p> <ul style="list-style-type: none"> • 2 Units of English • 6 Units of Board Developed Courses, including English • At least 4 subjects • No more than 6 Units of Science in Yr 11 and 7 Units of Science in Yr 12 	Eligibility for an ATAR	<p>Entry into all University Courses in NSW and ACT require an ATAR.</p> <ul style="list-style-type: none"> • To be eligible students must study at least 10 Units of Board Developed Courses • Only one Category B subject can be used in the calculation for ATAR
<p>Record of School Achievement (RoSA)</p> <p>After successful completion of the Year 10 RoSA, there are two further separate Records of Achievements (RoSA): one for the Year 11 Course and one for the Year 12 Course.</p> <p>A Record of Secondary Achievement (RoSA) will be awarded to:</p> <ul style="list-style-type: none"> • Students who satisfactorily complete the Year 11 Course • Students who satisfactorily complete the HSC Course • Students who do not qualify for the HSC but who otherwise complete Year 12 <p>All students must demonstrate satisfactory application completion of coursework to be eligible for Records of Secondary Achievement.</p>					

Types of Courses

* Many HSC subjects give some credit transfer to TAFE Certificates/Diplomas

*Board Developed Course = BDC

*Content Endorsed Courses = CEC

*Vocational Education and Training Courses =VET

Subject Type	HSC Exam	Counts to HSC	Counts to ATAR	TAFE Accreditation
BDC Category A	✓	✓	✓	n/a
VET-BDC Category B	Optional	✓	Yes only 1	✓
BDC Category B	✓	✓	Yes only 1	n/a
BDC Category B EVET	Yes Accounting	✓	Yes Accounting Optional for Tourism	Yes – usually Certificate II
CEC	No	✓	No	n/a
CEC/EVET	✓	✓	No	✓

Types of Courses

Board Developed Courses (BDC)

These are courses:

- *written by NESA*
- *for which NESA sets state wide HSC examinations.*
- *which have specific outcomes, content and assessments, as well as examinations.*
- *which can be counted towards an ATAR.*

Content Endorsed Courses (CEC)

These are courses:

- *which have a syllabus endorsed by NESA to cater for special interest.*
- ***which cannot be counted towards an ATAR.***

Vocational Education and Training Courses (VET)

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 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 universities and will assist students to progress to various education and training sectors and employment.

Public Schools NSW, Ultimo is accredited as a Registered Training Organisation (RTO 90072) to deliver and assess VET qualifications to secondary students.

It is mandatory for all students studying a VET course to create a Unique Student Identifier (USI) upon enrolment. Students will require a form of identification for the creation of the USI. Examples include a Medicare Card, Australian Birth Certificate, Driver's License or a valid Passport.

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 are either deemed "competent" or "not yet competent" by the teacher. 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.

Include for Stage 6 (including early commencement):

Board Developed VET courses are classified as Category B subjects and **ONLY ONE** can 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 requirements and include 70 hours of industry specific mandatory work placement or simulated workplace hours as determined by NESAs.

Stage 6 Board Endorsed VET Courses count towards the HSC or RoSA but do not have HSC examinations therefore do not count in the calculation of the ATAR. Board Endorsed VET Courses have mandatory or recommended industry specific work placement.

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

Courses

Year 11 and 12 students have the option of studying Externally Delivered VET (EVET) courses through TAFE NSW or other training providers. VET courses can only be delivered by registered training organisations (RTOs) that meet national standards and have the relevant qualification and units of competency on their scope of registration. VET is 'dual accredited'. Students receive recognition towards their school qualification (Record of School Achievement or HSC), as well as a nationally recognised VET qualification (Certificate or Statement of Attainment). Students successfully completing a VET course will be entitled to credit transfer in other courses in a similar industry after leaving school by providing their qualifications to the Tertiary Institution.

All students studying a VET course must obtain a Unique Student Identifier (USI) and provide this to the training provider at the commencement of the course.

Board Developed Industry Curriculum Framework Courses include Automotive, Construction, Electrotechnology, Entertainment Industry, Financial Services, Human Services, Metal & Engineering, Primary Industries, and Tourism, Travel & Events. These courses are Category B courses, mostly count for 4 units of HSC credit, include 70 hours of mandatory Work Placement and have an optional HSC examination and only **one** course can be counted in the Australian Tertiary Admission Rank (ATAR).

Board Endorsed Vocational Education and Training courses are courses based on national industry Training Packages that are endorsed by the Board of Studies, Teaching and Educational Standards for inclusion as an elective in the Higher School Certificate. These courses include Animal Studies, Beauty Therapy, Fashion Design Hairdressing, Locksmithing, Laboratory Skills, Plumbing, Sport and Recreation and many more. These courses mostly count for 4 units of HSC credit, do not count towards the ATAR and do not have an optional HSC examination.

- Courses are delivered by either a TAFENSW College or a Private Provider. These courses offer a broader range of subjects and should be **closely related to future career or study plans**.
- Attendance and progress requirements are very strict for courses. If a student fails to attend some of the course or if they do not satisfactorily complete all work set they will **FAIL** the course or may be withdrawn from the course.
- Numbers in these courses will be limited, as other schools will also be involved. Most students will only be able to choose one course. If a student is not selected they will continue to study the six subjects (12 units) chosen to study at school.
- Student Commitment – Once a student starts a course they are expected to commit to completing the course. Students will not be permitted to change to another course.
- Travel – Students studying courses must organise their own transport arrangements to the TAFE college or study venue and make their own way home at the conclusion of the class.

- Proposed timetabling – courses are conducted on different days of the week with most classes in previous years commencing at 1:30pm and ending at 5:30pm.

Students must complete a separate application form, please collect and return to Ms Sheedy (Careers Adviser).

See the Careers Adviser for a list of offerings for 2021.

Category A and B Subjects

- *Most Board Developed Courses are Category A Courses.*
- *Category B courses include VET courses, as well as the TVET course Accounting and Nursing.*
- ***These courses count towards the HSC and can count towards the ATAR, but you may only include one Category B course in the calculation of the ATAR.***

Further Information

Course Fees

Year 11 and Year 12 courses that attract a subject fee do so to cover the costs of materials used and consumed by students in the course.

All students have a responsibility to pay the course fee for these courses.

For students in financial need, parents should contact the Principal to discuss a payment plan. In some cases students would be asked to re-choose an elective if contributions are neither paid nor a payment plan devised in negotiation with the Principal.

More information will be provided regarding financial contributions before the end of the 2020 school year. Subject fees and general school fees are subject to change.

University and TAFE Requirements

Assumed Knowledge

All universities list subjects as “assumed knowledge” for certain degrees. This means that to be successful in the degree you will need a strong background in the subjects listed. If you enter the course without the “assumed knowledge” and you can’t cope, then this could be a problem for you. Some universities offer bridging courses prior to entry and support programs in addition to the degree program but in the main you are responsible for meeting requirements for your courses.

TAFE

TAFE does not take a student's ATAR ranking into account when considering applications.

Extension Courses

Students and parents are advised that students should only be considering extension courses in English and Mathematics if they have achieved as a minimum A or B in their Year 10 course of study. Students will only be considered for extension courses after consultation with the relevant subject Head Teacher.

Stage 6 Life Skills Pattern of Study

Stage 6 Life Skills courses provide a curriculum option for students with special education needs for whom the regular syllabus outcomes and content are not appropriate.

These courses have Board Developed status and can be used to meet the requirements for the award of the Higher School Certificate. Each Life Skills course comprises a 2-Unit Year 11 course and a 2-Unit Year 12 course. There will not be any external examinations for Life Skills courses.

There are nine Stage 6 Board Developed Life Skills syllabuses as listed below:

Stage 6 English Life Skills

Stage 6 Mathematics Life Skills

Stage 6 Science Life Skills

Stage 6 Work and the Community Life Skills

Stage 6 Personal Development, Health and Physical Education Life Skills

Stage 6 Community and Family Studies Life Skills

Stage 6 Creative Arts Life Skills

Dance Life Skills

Drama Life Skills

Music Life Skills

Visual Arts Life Skills

Stage 6 Human Society and Its Environment (HSIE) Life Skills

Aboriginal Studies Life Skills

Business and Economics Life Skills

Citizenship and Legal Studies Life Skills

Geography Life Skills

Modern History Life Skills

Ancient History Life Skills

Society and Culture Life Skills

Studies of Religion I and II Life Skills

Stage 6 Technology Life Skills

Agriculture Life Skills

Design and Technology Life Skills

Food Technology Life Skills

Industrial Technology Life Skills

Information Processes and Technology Life Skills

Textiles and Design Life Skills

In general, students enrolling in Stage 6 Life Skills courses will have completed at least four subjects based on Life Skills outcomes and content in Years 7–10.

Decisions about curriculum options for students with special education needs should be made in the context of collaborative curriculum planning with the student, parent/carer, teacher, careers advisor and any other significant individuals in the student's life.

To qualify for the Higher School Certificate, students must have a Year 11 pattern of study comprising at least 12 units and a Year 12 pattern of study comprising at least 10 units. Students with special education needs can meet the requirements for the Higher School Certificate using a combination of Board Developed courses, Board Endorsed courses and Board Developed Life Skills courses. Students undertaking one or more Life Skills courses towards the HSC will also receive a Profile of Student Achievement for each calendar year of study, indicating the outcomes achieved in each Life Skills course for that year.

Satisfactory completion of Life Skills courses

A student will be considered to have completed a Stage 6 Life Skills course satisfactorily if, in the principal's view, the student has:

- followed a program developed from the relevant Life Skills syllabus
- applied themselves with diligence and sustained effort to the set tasks and experiences of the program
- achieved some or all of the course outcomes

Subjects that are available for selection in 2021 will be based on student expressions of interest and available school resources.

Please note that Life Skills courses may attract subject fees. Information regarding this will be communicated toward the end of this year.

ANCIENT HISTORY

Faculty: HSIE Year 11: 11020
Units: 2 units Year 12: 15020
Status: BDC

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed:

The Ancient History course will provide students with opportunities to develop and apply their understanding of methods and issues involved in the investigation of the ancient past. Apply their understanding of archaeological and written sources and relevant issues in the investigation of the ancient past. Through a core study, students investigate the cities of Pompeii and Herculaneum, and explore issues relating to reconstruction and conservation of the past. They also study the key features and sources of an ancient society, personality and historical period.

Content:

Year 11 Course

Investigating Ancient History

(60 indicative hours including 'The Nature of Ancient History' and 'Case Studies') Students undertake at least one option from 'The Nature of Ancient History', and at least two case studies. Features of Ancient Societies (40 indicative hours)

Students study at least two ancient societies.

Historical Investigation (20 indicative hours)

Year 12 Course

Core Study: Cities of Vesuvius – Pompeii and Herculaneum (30 indicative hours)

One 'Ancient Societies' topic (30 indicative hours)

One 'Personalities in their Times' topic (30 indicative hours)

One 'Historical Periods' topic (30 indicative hours)

Historical concepts and skills are integrated with the studies undertaken in Year 11 & 12.

BIOLOGY

Faculty: Science Year 11: 11030
Units: 2 units Year 12: 12030
Status: BDC **Course Fee:** Nil

Compulsory project or major work: 15 hours Depth Study

Prerequisites: Nil

Skills required and that will be developed:

Students studying Biology will apply investigative and problem-solving skills and effectively communicate information.

Content:

The year 11 course provides students with the opportunity to learn about variations in the structures and functions of organisms and provides an understanding of the effects of the environment on living things. The year 12 course examines reproduction, inheritance patterns and the causes of genetic variation. Applications of this knowledge in biotechnology and genetic technologies are explored. Students investigate types of diseases, causes and their treatments.

Year 11 Course

Module 1 Cells as the Basis of Life

Module 3 Biological Diversity

Module 2 Organisation of Living Things

Module 4 Ecosystem Dynamics

Year 12 Course

Module 5 Heredity

Module 7 Infectious Disease

Module 6 Genetic Change

Module 8 Non-infectious Disease and Disorders

Due to the focus on analysis of qualitative and quantitative data, collaboration and problem solving throughout the course, it is highly recommended that students have access to their own Laptop or IT device

BUSINESS SERVICES - VET

Faculty: HSIE Year 11: 26101
Units: 2 units Year 12: 26101
Status: BDC, Category B HSC Exam: 26199

Course Fee: \$30.00

Compulsory project or major work:

- Mandatory work placements in Years 11 and 12. (70 hours total)

Prerequisites: Nil

Skills required and that will be developed:

National Business Services Competencies

Content:

- Business Services is ideal for students who plan to work in an office. It includes delivering service to customers, producing documents, mailing, maintaining financial records and occupational health and safety issues.
- The Business Services course was developed under an industry curriculum framework with the same national modules as delivered by TAFE and the Business Services Industry.
- Students gain credit towards the HSC and towards national vocational qualifications under the Australian Qualifications Framework (AQF). AQF Certificate II in Business.
- Completion of all competencies in the 240 hour course will qualify for a Certificate II.
- Students also have the option of sitting for a HSC exam and may count the result towards their ATAR.
- Assessment of their performance is competency based.
eg. Participation in team work, observation, role play and producing industry standard documents.
- Competencies include: written and oral communication; office records; and financial records.

BUSINESS STUDIES

Faculty: HSIE Year 11: 11040
Units: 2 units Year 12: 15040
Status: BDC

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed:

Students develop skills in researching, analysis, problem-solving, decision-making, critical thinking and communication.

Content:

Business Studies explores the role of effective management within each of the key business functions of operations, marketing, finance and accounting and human resources. External and internal factors critical to the success of business are examined and evaluated.

Business Studies is invaluable to students considering a commercially orientated career or who wish to learn more about business operations.

Course Content:

Year 11

1. Nature of Business
2. Business Management
3. Business Planning

Year 12

1. Operations
2. Marketing
3. Finance
4. Human Resources

See Appendix for detailed course information

CHEMISTRY

Faculty: Science Year 11: 11050
Units: 2 units Year 12: 12050
Status: BDC **Course Fee:** Nil

Compulsory project or major work: 15 hour Depth Study

Prerequisites: It is strongly recommended that students have a ROSA Science Grade A or B and completed Stage 5.3 Mathematics

Skills required and that will be developed:

Students studying Chemistry will apply investigative and problem-solving skills and effectively communicate information.

Content:

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 examines particular classes of chemicals, processes and a variety of chemical reactions including organic compounds and acid/base equilibrium reactions. Students apply this knowledge to the investigation of methods used in identifying and measuring quantities of chemicals leading to an understanding of the structure, properties and trends of and between classes of chemicals.

Year 11 Course

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

Year 12 Course

Module 5 Equilibrium and Acid Reactions	Module 7 Organic Chemistry
Module 6 Acid/base Reaction	Module 8 Applying Chemical Ideas

Due to the focus on analysis of qualitative and quantitative data, collaboration and problem solving throughout the course, it is highly recommended that students have access to their own Laptop or IT device

COMMUNITY AND FAMILY STUDIES

Faculty: PD/H/PE Year 11: 11060
Units: 2 units Year 12: 15060
Status: BDC

Compulsory project or major work: Independent Research Project (IRP)

Prerequisites: Nil

Skills required and that will be developed:

Management, planning and organisational skills. Critical thinking and analysis skills.

Content:

The course covers the diverse nature of families and communities. It develops an understanding and appreciation of the needs and differences of individuals and groups; and the contribution each makes to society.

Year 11 Course - covers three main topics:

Resource Management - the management process

Individuals and Groups - roles, relationships and tasks within a group

Families and Communities - family structure, function and interaction with the community.

Year 12 Course

Research Methodology – Individual Research Project (IRP)

Groups in Context - Individual needs of special groups

Parenting and Caring - the role of parents and people who care for children and others requiring care

Plus one of the following three options:

Family and Societal Interaction - How govt. and community support families

Social Impact of Technology - Effect of technology on individuals, families, work and communities

Individuals and Work - contemporary issues as people balance work and family

DRAMA

Faculty: Creative Arts Year 11: 11090

Units: 2 units Year 12: 15090

Status: BDC **Course cost:** Nil

Compulsory project/performance or major work: Yes

Prerequisites: Nil

Skills required and that will be developed:

The study of Drama will develop the talents and capacities of all students – emotional, intellectual, social, spiritual, creative and expressive – as well as developing self-confidence and self-esteem.

Content:

The aim of the course is for students to experience and appreciate Drama as a social, collaborative and creative art form and as an expression of culture through making, performing and critically study drama and theatre.

Areas of study include:

- Improvisation, play building and acting
- Production in performance
- Theatrical traditions and performance styles
- Australian drama and theatre
- Group and individual performances

Students will have the opportunity to explore extensively one of the following: Scriptwriting, Director's folio, applied theatre research, costume design, lighting design, program and poster design, set design, individual performance and video drama. To complement students' study of production techniques and enhance their appreciation of theatre there will be the opportunity to attend theatre shows and workshops with current practitioners. The skills and knowledge acquired in this course may be further developed and employed in a variety of professions including, theatre, media, communications, events management, and community cultural development or for those who wish for greater appreciation and enjoyment of drama and its role in society.

EARTH AND ENVIRONMENTAL SCIENCE

Faculty: Science Year 11: 11100

Units: 2 units Year 12: 12100

Status: BDC **Course Fee:** Nil

Compulsory project or major work: 15 hour Depth Study

Prerequisites: Nil

Skills required and that will be developed:

Students studying EES will apply investigative and problem-solving skills and effectively communicate information.

Content:

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 Course

Module 1 Earth's Resources

Module 2 Plate Tectonics

Module 3 Energy Transformations

Module 4 Human Impacts

Year 12 Course

Module 5 Earth's Processes

Module 6 Hazards

Module 7 Climate Science

Module 8 Resource Management

Due to the focus on analysis of qualitative and quantitative data, collaboration and problem solving throughout the course, it is highly recommended that students have access to their own Laptop or IT device

ECONOMICS

Faculty: HSIE Year 11: 11040

Units: 2 units Year 12: 15110

Status: BDC

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed:

Students develop skills in: researching, analysis, problem-solving, decision-making, critical thinking and communication.

Course Content:

Discussion of economic issues dominates the media and politics. By understanding economics, students can make informed judgments about issues and policies and participate responsibly in decision-making.

Economics focuses on aspects of the economic behaviour of consumers, business and governments in the Year 11 course. In the Year 12 course, the focus is on the management of the economy including the impact of the global economy on the Australian economy and the link between economic issues such as unemployment, inflation and economic growth.

Students will benefit from economics if they plan future study in areas which include business, accounting and finance, media, law, marketing, employment relations, tourism, history, geography and environmental studies.

Year 11 Content

- | | |
|------------------------------|------------------------------|
| 1. Introduction to Economics | 4. Labour Markets |
| 2. Consumers and Business | 5. Financial Markets |
| 3. Markets | 6. Government in the Economy |

Year 12 Content

- | | |
|--|-------------------------------------|
| 1. The Global Economy | 3. Economic Issues |
| 2. Australia's Place in the Global Economy | 4. Economic Policies and Management |

ENGLISH EAL/D

Faculty: English Year 11: 11165

Units: 2 units Year 12: 15155

Status: BDC

Compulsory project or major work: No

Prerequisites: The English EAL/D course is for students who have been educated in English for five years or less, either in Australia or overseas.

Course Description:

In the English EAL/D Year 11 course, students acquire and develop specific English language skills, knowledge and understanding by exploring a range of texts. The course focuses on the close study of language and meaning and English language learning.

In the English EAL/D Year 12 course, students reinforce and extend their language skills through the close study of a range of texts. Students respond to and compose a wide variety of texts in order to be effective, creative and confident communicators.

Content:

Year 11

Module A: Language and Texts in Context

Module B: Close Study of Text

Module C: Texts and Society

Students may also study an optional teacher-developed module to cater to the particular needs, interests and abilities of students.

Year 12

Module A: Texts and Human Experiences

Module B: Language, Identity and Culture

Module C: Close Study of Text

Focus on Writing (studied concurrently with the above modules)

ENGLISH STANDARD

Faculty: English Year 11: 11130

Units: 2 units Year 12: 15130

Status: BDC

Compulsory project or major work: No

Prerequisites: This course is for the majority of students.

Course Description:

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.

Content:

Year 11

Common Module - Reading to Write: Transition to Senior English

Module A: Contemporary Possibilities

Module B: Close Study of Literature

Year 12

Common Module - Texts and Human Experiences

Module A: Language, Identity and Culture

Module B: Close Study of Literature

Module C: The Craft of Writing

ENGLISH ADVANCED

Faculty: English Year 11: 11140

Units: 2 units Year 12: 15140

Status: BDC

Compulsory project or major work: No

Prerequisites: This course is for students who have an added interest and an extended ability in English.

Course Description:

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

Content:

Year 11

Common Module: Reading to Write

Module A: Narratives that Shape our World

Module B: Critical Study of Literature

Year 12

Common Module: Texts and Human Experiences

Module A: Textual Conversations

Module B: Critical Study of Literature

Module C: The Craft of Writing

ENGLISH EXTENSION

Faculty:	English	Year 11: 11150
Units:	1 unit	Year 12: Extension 1 - 15160 Year 12: Extension 2 - 15170
Status:	BDC	

Compulsory project or major work: Yes

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

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.

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.

Content:

Year 11 Extension 1:

Module: Texts, Culture and Value and Related Research project

Year 12 Extension 1:

Common Module: Literary Worlds with one elective option

Year 12 Extension 2:

The course requires students to undertake a composition process in order to complete a Major Work and Reflection Statement. This course may only be taken in addition for Year 12 Extension 1. Students who excel in Year 11 Extension may be invited to complete the Extension 2 course in Year 12.

ENGLISH STUDIES

Faculty:	English	Year 11: 30105
Units:	2 units	Year 12: 15125
Status:	BDC	

Compulsory project or major work: No

Prerequisites: 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 an alternative to the English Standard course.

Course Description:

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.

In this course, students will consolidate their English literacy skills to enhance their personal, social, educational and vocational lives.

English Studies is a Stage 6 Board Developed Course with an optional HSC examination. If the HSC examination is chosen it will contribute to the awarding of an ATAR.

Students choosing not to sit for the English Studies HSC examination will still be eligible for the HSC.

Content:

Year 11:

Mandatory Module - Achieving through English: English in education, work and community

An additional 2 – 4 modules

Year 12:

Mandatory Common Module: Texts and Human Experiences

An additional 2 – 4 modules

EXPLORING EARLY CHILDHOOD

Faculty:	TAS	Year 11: 31009
Units:	2 units	Year 12: 31012
Status:	CEC	Course Fee: Year 11 \$15

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed:

This course is designed for students who have an interest in the development of children or who may wish to work with children as a career.

Content:

Core Studies:

- Part A Pregnancy and Childbirth
- Part B Child Growth and Development
- Part C Promoting Positive Behaviour

Modules - There are a number of modules that can be chosen depending on the interests of the students. Some of these include:

- Food and Nutrition
- Starting School
- Play and the Developing Child
- Young Children and the Law
- Child Health and Safety
- Young Children with Special Needs
- Children's Literature
- Young Children and the Media

FOOD TECHNOLOGY

Faculty:	TAS	Year 11: 11180
Units:	2 units	Year 12: 15180
Status:	BDC	Course Fee: \$80

Compulsory project or major work: No

Prerequisites: Nil

Skills required or that will be developed:

- An interest in nutrition and the food industry
- An interest in food and the development of food habits
- Skills in researching, analysis, problem-solving, decision-making, critical thinking and communication
- Students will develop food preparation and meal planning skills

Content:

Year 11 Course:

- Nutrition
- Food Quality
- Food Availability and Selection

Year 12 Course:

- The Australian Food Industry
- Food Manufacture
- Food Product Development
- Contemporary Nutrition Issues

GEOGRAPHY

Faculty: HSIE Year 11: 11190

Units: 2 units Year 12: 15190

Status: BDC

Compulsory project or major work: Yes

Prerequisites: Nil

Skills required and that will be developed:

Students develop skills in: researching, analysis, problem-solving, decision-making, critical thinking and communication.

Course Content:

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

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

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

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

Year 11 Content

1. Biophysical Interactions
2. Global Challenges
3. Senior Geography Project

Year 12 Content

1. Ecosystems at Risk
2. Urban Places
3. People and economic activity

HOSPITALITY KITCHEN OPERATIONS – VET

Faculty: TAS Year 11:12640

Units: 2 units Year 12: 26501

Status: BDC, Category B **Course Fee:** \$200 – includes uniform

Compulsory project or major work: Mandatory work placements in Years 11 and 12. (70 hours total)

The Hospitality Industry curriculum framework gives students the opportunity to gain credit towards the NSW Higher School Certificate (HSC) and Certificate II in Kitchen Operations a national vocational qualification under the Australian Qualifications Framework (AQF).

This is a competency-based course where students are progressively assessed. The HSC examination is optional for non-ATAR students.

Content

This course is based on units of competency, which have been developed by the hospitality industry to describe the competencies, skills and knowledge required by workers in the industry. The course incorporates core units of competency plus units from the Kitchen Operations area.

Working in the Hospitality industry involves:

- Developing menus, managing resources, preparing, cooking and serving a range of dishes
- Supporting and working with colleagues to meet goals and provide a high level of customer service
- Food service in a range of settings
- Skills in communication and teamwork
- Work, health and safety in the workplace
- Food hygiene legislative requirements
- **NOTE:**
- Satisfactory completion leads to a Certificate II in Hospitality (Kitchen Operations)
- Uniform cost @ \$80, Tool Kit (optional) @ \$85
- Fees apply for food - \$120

See Appendix for detailed Course information.

INFORMATION AND DIGITAL MEDIA TECHNOLOGY – VET

Faculty: Maths/IT Year 11: 12980
Units: 2 units Year 12: 16320
Status: BDC, Category B HSC Exam: 16365
Course Fee: \$80 over 2 years

Compulsory project or major work:

Mandatory work placements in Years 11 and 12 (70 hours total)

Prerequisites: Minimal knowledge in computing and software use will help with the course.

Course overview:

The Vet HSC Information and Digital Technology course has been designed to enable students to acquire a range of technical, practical, personal and organizational skills that are valued with and beyond the workplace.

The purpose of the course is to provide students with the opportunity to gain knowledge and skills that enable the individual to be an effective Information and Communication Technology user and/or employee.

Students will also be able to acquire skills and knowledge related to work, employment and further training within the Information and Communication technology industry.

The HSC course also provides students with the opportunity to achieve competencies that will lead to them gaining Certificates II and III in Information and Digital Media Technology that are nationally recognised qualifications as part of the Australian Qualifications Framework (AQF). In addition, these qualifications lead to higher-level qualifications in Information and Communication Technology which students may pursue at TAFE and University.

Content:

This program features industry computer applications, installations of operating systems eg Windows 10, web technology using web design and animation software plus basic fault finding and care of hardware. Upon completion of this course students will be well suited to follow a career in areas such as:

- Computing software and hardware development
- Information systems management
- Telecommunications

See Appendix for detailed Course information.

INFORMATION PROCESSES AND TECHNOLOGY

Faculty: Maths/IT Year 11: 11210
Units: 2 units Year 12: 15210
Status: BDC, Category A

Compulsory project or major work:

Prerequisites: Knowledge of computers and processes as well as simple programming would help in this course.

Course overview:

Information systems and the role they play in society have increased in significance in recent years. The raw ingredients – information, information technology and participants – combine to form information processes within information systems. The area of information systems has provided major jobs growth for both women and men in recent years. Moreover, fields which have not traditionally been associated with computers are emerging **as exciting new areas of employment**. These include music, the arts, science and technology as well as new and fast-growing industries that use multimedia. With this background, students will be well placed **to adapt to new technologies as they emerge**.

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.

LANGUAGE ITALIAN BEGINNERS

Faculty: LOTE Year 11: 15790

Units: 2 units Year 12: 15790

Status: BDC

Course Description

In the Year 11 and 12 courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Italian.

Topics studied through two interdependent perspectives, *the personal world* and *the Italian-speaking communities*, provide contexts in which students develop their communication skills in Italian and their knowledge and understanding of language and culture.

Students' skills in, and knowledge of Italian will be developed through tasks associated with a range of texts and text types, which reflect the topics. Students will also gain an insight into the culture and language of Italian-speaking communities through the study of a range of texts.

Main Topics Covered

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

LANGUAGE MODERN GREEK BEGINNERS

Faculty: LOTE Year 11: 15970

Units: 2 units Year 12: 15970

Status: BDC

Course Description

In the Year 11 and 12 courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Modern Greek.

Topics studied through two interdependent perspectives, *the personal world* and *the Greek-speaking communities*; provide contexts in which students develop their communication skills in Modern Greek and their knowledge and understanding of language and culture.

Students' skills in, and knowledge of Modern Greek will be developed through tasks associated with a range of texts and text types, which reflect the topics. Students will also gain an insight into the culture and language of Greek-speaking communities through the study of a range of texts.

Main Topics Covered

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

LANGUAGE

MODERN GREEK CONTINUERS

Faculty:	LOTE	Year 11: 11880
Units:	2 units	Year 12: 15980
Status:	BDC	

Course Description

The study of Modern Greek contributes to the overall education of students, particularly in the areas of communication. Cross-cultural understanding, literacy and general knowledge. It provides access to the culture of Greek-speaking countries and communities. The course will assist students in the learning of other languages particularly Indo-European languages.

Knowledge of Modern Greek is a marketable skill in fields such as tourism and hospitality, the food industry, education, law, banking, business, the fashion industry, health, social services, communications, the arts, journalism, religion, politics, the diplomatic corps and agriculture.

Course Structure

Preliminary course: 120 hours

The Preliminary course has, as its organisational focus, themes and associated topics. Student skills in knowledge and understanding of Modern Greek will be developed through tasks associated with a range of texts and text types that reflect themes and topics.

HSC Course: 120 hours

The HSC course focuses on three prescribed themes and associated topics. Students will gain a broader and deeper understanding of Modern Greek and will extend and refine their communication skills in the language.

LEGAL STUDIES

Faculty:	HSIE	Year 11: 11220
Units:	2 units	Year 12: 15220
Status:	BDC	

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed: Students will develop skills in analysis and independent research.

Content:

Our daily lives are governed by thousands of rules, regulations and laws. Where do they come from? How are penalties decided? How does Aboriginal law operate and when does it apply? How does the court system operate? What are our rights and responsibilities as citizens? How does the law change?

- This course is designed to develop an understanding of the law and to prepare students with life skills to enable them to take part in society.
- It fosters a respect for cultural diversity and promotes tolerance.
- It encourages students to think critically on the role of law and to develop confidence in approaching and accessing the legal system.

Year 11 course:

1. The legal system
2. The individual and the law
3. The law in practice

Year 12 course:

1. Crime
2. Human rights
3. Family Law
4. Shelter

MATHEMATICS ADVANCED

Faculty: Mathematics Year 11: 11255

Units: 2 units Year 12: 15255

Status: BDC

Prerequisites: The Mathematics Advanced Year 11 course has been developed on the assumption that students have studied the content and achieved the outcomes of the NSW *Mathematics Years 7–10 Syllabus* and in particular, the content and outcomes of all sub-strands of Stage 5.1 and Stage 5.2, the following sub-strands of Stage 5.3:

Algebraic techniques, Surds and Indices, Equations, Linear relationships, Trigonometry and Pythagoras' theorem, Single variable data analysis, Non – linear Relationships and Properties of Geometrical Figures.

Exclusions: Students may **not** study the Mathematics Advanced course in conjunction with the Mathematics Standard 1 or the Mathematics Standard 2 course.

Course Description

- 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 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.
- All students studying the Mathematics Advanced course will sit for an HSC examination

Content

Year 11 Course: Functions, Trigonometric functions, Calculus, Exponential and Logarithmic Functions and Statistical Analysis

Year 12 Course: Functions, Trigonometric Functions, Calculus, Logarithmic and exponential functions, Financial Mathematics and Statistical Analysis

MATHEMATICS STANDARD 1 and 2

Faculty: Mathematics Year 11: 11236

Units: 2 units Year 12: Standard 2 15232
Standard 1 15231

Status: BDC

Prerequisites: The Year 11 Mathematics Standard course has been developed on the assumption that students have studied and achieved up to and including the content and outcomes of Stage 5.1 and the following sub strands of Stage 5.2: Area and surface area, Equations, Financial mathematics, Linear and non- linear relationships, Probability, Trigonometry, Single variable data analysis, Volume.

Exclusions: Students may **not** study any other Stage 6 Mathematics Year 11 course in conjunction with the Mathematics Standard Year 11 course, or any other Stage 6 Mathematics Year 12 course in conjunction with the Mathematics Standard 2 Year 12 course.

Course Description:

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 (Category B) course or the Mathematics Standard 2 Year 12 (Category A) course.

Students studying the Mathematics Standard 1 Year 12 course may elect to undertake an optional HSC examination.

All students studying the Mathematics Standard 2 course will sit for an HSC examination.

Mathematics Standard 1 is designed to help students improve their numeracy by building their confidence and success in making mathematics meaningful. This course offers students the opportunity to prepare for post-school options of employment or further training.

Year 11 Content:

Algebra, Measurement, Financial Mathematics **and** Statistical Analysis

Year 12 Standard 1 content: Algebra, Measurement, Financial Mathematics, Statistical Analysis and Networks

Year 12 Standard 2 content: Same as Standard 1 but harder sub topics.

MATHEMATICS EXTENSION 1

Faculty:	Mathematics	Year 11: 11250
Units:	1 unit extension	Year 12: 15250
Status:	BDC	

Prerequisites: The Mathematics Extension 1 Year 11 course has been developed on the assumption that students have studied the content and achieved the outcomes of the NSW *Mathematics Years 7–10 Syllabus* and, in particular, the content and outcomes of all sub-strands of Stage 5.1, Stage 5.2 and Stage 5.3, including the optional sub-strands: Polynomials, Logarithms, functions and other Graphs, Circle Geometry

Co requisite: Year 11 and Year 12 Advanced Mathematics Course

Exclusions: Students may **not** study the Mathematics Extension 1 course in conjunction with the Mathematics Standard 1 or the Mathematics Standard 2 course.

Course Description: 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.

Content: The Mathematics Extension 1 Year 11 course content is comprised of four Topics, Functions, Trigonometric Functions, Calculus and Combinatorics
Year 12 course content is comprised of Proofs, Vectors, Trigonometric Functions, Calculus and Statistical Analysis.

MODERN HISTORY

Faculty:	HSIE	Year 11: 11270
Units:	2 units	Year 12: 15270
Status:	BDC	

Compulsory project or major work: No

Prerequisites: No

Content:

The Year 11 course provides students with opportunities to develop and apply their understanding of methods and issues involved in the investigation of modern history.

The Year 12 course provides students with opportunities to apply their understanding of sources and relevant issues in the investigation of the modern world. Through a core study, students investigate the nature of power and authority 1919–1946. They also study key features in the history of one nation, one study in peace and conflict and one study of change in the modern world.

Year 11 course

The Year 11 course comprises three sections.

Investigating Modern History (60 indicative hours including 'The Nature of Modern History' and 'Case Studies')

Students undertake at least one option from 'The Nature of Modern History', and at least two case studies. Historical Investigation (20 indicative hours)
The Shaping of the Modern World (40 indicative hours)

At least one study from 'The Shaping of the Modern World' is to be undertaken.

Year 12 Course:

The Year 12 course comprises four sections.

Core Study: Power and Authority in the Modern World 1919–1946 (30 indicative hours)

One 'National Studies' topic (30 indicative hours)

One 'Peace and Conflict' topic (30 indicative hours)

One 'Change in the Modern World' topic (30 indicative hours)

Historical concepts and skills are integrated with the studies undertaken in Year 11 and 12.

MUSIC 1

Faculty: Creative Arts Year 11: 11280

Units: 2 units Course 1 Year 12: 15290

Status: BDC **Course Fee:** \$10

Compulsory project/performance or major work: four components: one compulsory performance & choice of musicology, performance or composition for three other topics.

Prerequisites: Nil

Skills required and that will be developed:

The study of Music will develop the talents and capacities of the students – emotional, intellectual, social, spiritually, creative and expressive – as well as developing self-confidence and self-esteem.

Content:

The Year 11 course consists of both practical and theoretical components designed to ensure the development of the skills and knowledge necessary for the successful completion of the Year 12 course.

The course consists of the following strands:

- Performance
- Solo
- Ensemble
- Vocal
- Instrumental
- Compositions
- Improvisations
- Composition
- Score reading
- Aural
- Arranging
- Improvising
- Notating
- Experimenting
- Musicology
- Music history
- Analysing music
- Research
- Concepts of music
- Music of various cultures and styles

PERSONAL DEVELOPMENT / HEALTH / PHYSICAL EDUCATION

Faculty: PD / H / PE Year 11: 35017

Units: 2 units Year 12: 35017

Status: BDC **Course Fee:** Nil

Compulsory project or major work: No

Prerequisites: Nil

Skills required and that will be developed:

The PDHPE course aims to develop in each student the capacity to think critically about key issues related to health and physical activity, in order to make informed decisions that support and contribute to healthy, active lifestyles and communities. Competent writing skills will assist students studying this course.

Content:

Year 11 Course

- Examines a range of areas that underpin Health and Physical Activity
- Core 1 – Better Health for Individuals
- Core 2 – The Body in Motion
- Options – The class will complete two topics from a range of practical options in areas such as first aid, outdoor recreation (three day camp, price TBA), composing and performing and fitness choices. Students achieve Cardiopulmonary Resuscitation Certificate (CPR).

Year 12 Course

- Examines major issues related to Australia's health status
- Core 1 – Health Priorities In Australia
- Core 2 – Factors Affecting Performance
- Students undertake two optional studies from a wide range of choices including: an investigation of the health of young people and groups experiencing health inequalities, improving sports performance, sports medicine and the treatment/prevention of sports injuries, and the factors that impact on sport and physical activity in Australia.

PHOTOGRAPHY, VIDEO AND DIGITAL IMAGING

Faculty: Creative Arts Year 11: 35228
Units: 2 units Year 12: 35228
Status: CEC **Course Fee:** \$40

Compulsory project or major work: Yes

70% Practical
30% Theory

Skills required and that will be developed:

There are no pre-requisites for studying the Photography, Video and Digital Imaging course. Students will develop knowledge, skills and understanding of traditional darkroom photography, digital imaging and video production through the study of photography and film and through their own photographic practice.

Content:

Traditional darkroom (wet) photography: Students learn about film cameras, composing photographs, using studio lighting in portraiture and in photographing objects, such as in the advertising industry. Students learn to operate enlargers and print their own photographs, as well as adding special effects to photographs. They will explore photographic icons from history and recent images.

Digital Imaging: Students explore the creative potential of Adobe Photoshop, the software used in the advertising and design industry. They will work on projects ranging from surreal juxtapositions and layered creative montages to graphic design projects such as packaging, DVD covers and advertising.

Video: Students explore the creative possibilities of film production. They learn to operate cameras and use video editing software to add special effects, transitions, titles and layers of sound. Some of the projects include: film trailers, TV commercials, music videos, documentaries, animations and short films. Students explore classic cinema and more contemporary 'arthouse' films.

PHYSICS

Faculty: Science Year 11: 11310
Units: 2 units Year 12: 12310
Status: BDC **Course Fee:** Nil

Compulsory project or major work: 15 hour Depth Study

Prerequisites: It is strongly recommended that students have a School Certificate, Science Grade A or B and School Certificate Stage 5.3 Mathematics.

Skills required and that will be developed:

Students studying Physics will apply investigative and problem-solving skills and effectively communicate information.

Content:

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 Course

Module 1 Kinematics

Module 3 Waves and Thermodynamics

Module 2 Dynamics

Module 4 Electricity and Magnetism

Year 12 Course

Module 5 Advanced Mechanics

Module 7 The Nature of Light

Module 6 Electromagnetism

Module 8 From the Universe to the Atom

Due to the focus on analysis of qualitative and quantitative data, collaboration and problem solving throughout the course, it is highly recommended that students have access to their own Laptop or IT device

RETAIL – VET

Faculty: HSIE Year 11: 26911
Units: 2 units Year 12: 26911
Status: BDC, Category B HSC Exam: 26999
Course Fee: \$30.00

Compulsory project or major work: Involves mandatory work placement in years 11 and 12

Prerequisites: Nil

Skills required and that will be developed:

National Retail Competencies

Content:

Retail is not about standing behind a shop counter. It involves establishing contact with customers, processing information, selling skills, product knowledge, working in a team, maintaining personal presentation, following routine instructions, reading and interpreting retail documents, using numbers in the workplace, acting responsibly, responding to customer complaints and dealing with customers with special needs.

- Engage the customer, build customer relationships and loyalty, and assist customer difficulties
- Work effectively in a team and in a service environment
- Identify and respond to security risks
- Sell to the retail customer, advise on products and services
- Contribute to workplace health and safety
- Produce visual merchandise displays
- Follow point of sale procedures
- Organise and maintain a store environment
- Control stock, receive and handle retail stock

The Retail course was developed under an industry curriculum framework with the same national modules as delivered by TAFE and the Retail Industry.

- Students gain credit towards the HSC and credit towards national vocational qualifications under the Australian Qualifications Framework (AQF), Certificate III in Retail Services.
- Students also have the option of sitting for an HSC exam and may count the result towards their ATAR.
- Assessment of their performance is competency-based.

[See Appendix for detailed Course information](#)

SCIENCE EXTENSION

Faculty: Science
Units: 1 unit Year 12 course only: 15345
Status: BDC

Compulsory project or major work:

Scientific Research Portfolio 40%

Prerequisite :

Successful completion of one or a combination of Biology, Chemistry, Earth and Environmental Science or Physics in Year 11 with a A grade.

Co-requisite: One, or a combination of: Biology, Chemistry, Earth and Environmental Science, Investigating Science or Physics in Year 12.

Skills required and that will be developed:

- interrogates and refines student ideas about science through: - analysis of historic and cultural observations - analysis of significant scientific research - considering ethical frameworks and philosophical arguments
- refines and extends Working Scientifically skills in an integrated way by students designing and conducting their own authentic scientific research.

Content:

The study of Science Extension Stage 6 enables students with a passion for science to explore the development of the scientific process over time, undertake high-level authentic scientific research, communicate findings and propose further research. This course focuses on the authentic application of scientific research skills to produce a Scientific Research Report. 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.

Science Extension is designed for students with an interest in scientific research. The course lays a foundation for students planning to pursue further study in Science, Technology, Engineering or Mathematics (STEM) based courses offered at the tertiary level, and to engage in new and emerging industries.

Year 12 Course

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

SOCIETY AND CULTURE

Faculty:	HSIE	Year 11: 11330
Units:	2 units	Year 12: 15350
Status:	BDC	

Compulsory project or major work: Personal Interest Project is worth 40% of course mark.

Skills required and that will be developed:

Collecting, analysing and organising information
Communicating ideas and information
Planning and organising activities
Working with others and teams
Solving problems
Using mathematical ideas and techniques
Using technology

Content: Society & Culture examines the interactions and behaviours of people, societies, cultures, environments and the impact of time.

Year 11 Course

- The Social and Cultural World
- Personal and Social Identity
- Intercultural Communication

Year 12 Course

Core

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

TWO to be chosen from the following:

- Popular Culture
- Belief Systems and ideologies
- Social inclusion and exclusion
- Social conformity & non conformity

The Personal Interest Project is a compulsory individual research project of 5000 – 7000 words. This project is externally marked by NESA and counts as 40% of the final HSC mark. The HSC exam is worth the remaining 60% of the course mark.

SPORT, LIFESTYLE AND RECREATION

Faculty:	PD/H/PE	Year 11: 35017
Units:	2 Units	Year 12: 35017
Status:	CEC	

Compulsory project or major work: Nil

Sport, Lifestyle and Recreation makes a positive contribution to the total wellbeing of students. They develop knowledge and understanding of the value of activity, increased levels of movement skill, competence in a wide variety of 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: • 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.

The course features a highly practical focus

The areas of sports science, physical education and human movement present viable post-school study and career pathways.

Modules The modules in Sport, Lifestyle and Recreation are: (6-12 Modules covered in 2 years)

- | | |
|-------------------------------------|---|
| 1. Aquatics | 9. Healthy Lifestyle |
| 2. Athletics | 10. Individual Games and Sports |
| 3. Dance | Application |
| 4. First Aid and Sports Injuries | 11. Outdoor Recreation |
| 5. Fitness | 12. Resistance Training |
| 6. Games and Sports Applications I | 13. Social Perspectives of Games & Sports |
| 7. Games and Sports Applications II | 14. Sports Administration |
| 8. Gymnastics | 15. Sport Coaching & Training |

SOFTWARE DESIGN & DEVELOPMENT

Faculty: Computing Studies Year 11: 11340

Units: 2 units Year 12: 15360

Status: BDC

Compulsory project or major work: Yes

Prerequisites: Experience or knowledge of computers and processes as well as programming would benefit the students.

Skills required and that will be developed:

Students need to be able to work through lines of codes and instructions in a very careful and systematic way. You will need to appreciate the complex technical aspects of computing and be prepared to spend time on problem solving, planning and creating solutions.

Different approaches to software solutions. Defining software problems, coding in approved programming languages. Create documentation for future users of the system. Understand software development life cycle, testing and evaluation.

Content:

This course is for students who are interested in the fields of software design and development. It will give them the opportunity to create appropriate software solutions.

- Practical experience occupies a minimum of 20% of the Year 11 course and 25% of the Year 12 course. The Year 12 course builds on the Year 11 course and should lead to solving a number of interesting and relevant software problems.
- Assessment tasks include a number of practical tasks and a major project. The theory sections will be covered by topic tests with an exam at the end of the Year 11 and Year 12 courses.

TEXTILES AND DESIGN

Faculty: TAS Year 11: 11370

Units: 2 units Year 12: 15390

Status: BDC **Course Fee:** \$40

Compulsory project or major work: Yes

Prerequisites:

Previous experience in Textiles & Design is not essential however an interest in working with a variety of textile materials is a must. Ability to work independently is desirable.

Skills required and that will be developed:

Students will develop skills in designing, constructing and communicating. Practical experiences are integrated throughout the content areas including experimental & project work.

Content:

Year 11 Course

- Design
- Properties & Performance of Textiles
- The Australian Textiles, clothing, footwear & Allied Industries

Year 12 Course

- Design
- Properties & performance of Textiles
- The Australian Textiles, Clothing, Footwear & Allied Industries
- Major Textile Project

HSC mark is made up of: Exam -1½ hours (50%)
Major Design Project (50%)

VISUAL ARTS

Faculty: Creative Arts Year 11 Course – 11380

Units: 2 units Year 12 – 15400

Status: BDC **Course Fee:** \$50

Compulsory project: Submission of a Body of Work (BOW) 50% / Written Paper 50%

Prerequisites: Nil

Students do not need to have studied Visual Arts in Years 9 and 10 to undertake the HSC course. Students should also be aware that they do not need to be able to draw to do Visual Arts. They could submit their body of work in photography or ceramics for example.

Skills that will be developed in this course:

In the Year 11 course students will have the opportunity to explore a range of media, techniques, artists and their works. For the Year 12 course, students specialise, working in an area of interest to them to submit the body of work. Students will develop their creative skills and the ability to write about artists and their works.

Content:


Year 11 Course

- Students explore a range of art forms in order to identify their strengths. They can explore drawing, painting, sculpture, ceramics, photography, digital imaging, film, sound, installations and projections and layered mixed media imaging in their art making.
- A range of artworks from history and the present are explored. Students continue to use the frames and the conceptual framework in their studies of Visual Arts.

Year 12 Course

- Students develop their own ideas to form the basis of the body of work. (50% of HSC mark). Expressive forms include: sculpture, photography, collection of works, video, drawing, painting, ceramics, documented forms, textiles and fibre, digital media and design.
- In depth case studies on topics including: Art and technology, Feminism, Contemporary Aboriginal Art, Postmodernism, and contemporary Asian Art. Students will view a number of exhibitions throughout their studies of Visual Arts. Body of work resources and equipment may need to be purchased/ supplemented at the students own cost.

Appendix 1: Curriculum Frameworks for VET courses offered at Moorefield Girls High School

Public Schools NSW, Ultimo Registered Training Organisation 90072 VOCATIONAL EDUCATION and TRAINING 2021 BUSINESS SERVICES COURSE DESCRIPTION This may change due to Training Package and NSW Education Standards Authority (NESA) updates. Notification of variations will be made in due time.	
	Course: Business Services 2 or 4 Preliminary and/or HSC units in total Board Developed Course Category B for Australian Tertiary Admission Rank (ATAR)
This course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational training. This is known as dual accreditation.	
BSB20115 Certificate II in Business Based on Business Services Training Package Version 5 (BSB v5) Units of Competency Core BSBWHS201 Contribute to health and safety of self and others Electives BSBCUS201 Deliver a service to customers BSBSUS201 Participate in environmentally sustainable work practices BSBIND201 Work effectively in a business environment BSBINM201 Process and maintain workplace information BSBINN201 Contribute to workplace innovation BSBCMM201 Communicate in the workplace BSBITU211 Produce digital text documents BSBITU212 Create and use spread sheets BSBWOR204 Use business technology	BSBITU213 Use digital technologies to communicate remotely AND BSBITU312 Create electronic presentations <u>Additional units required to attain a HSC credential in this course</u> TLIP2029 Prepare and process financial documents BSBITU307 Develop keyboarding speed and accuracy
Students may apply for Recognition of Prior Learning and /or Credit Transfer provided suitable evidence is submitted.	
Recommended Entry Requirements Students selecting this course should be interested in working in a business environment. They should be able to use a personal digital device including a personal computer or laptop. There will be out of class homework, research activities and assignments.	
Examples of occupations in the business services industry: <ul style="list-style-type: none"> ▪ administration assistant ▪ office junior ▪ information desk assistant ▪ clerical worker ▪ receptionist ▪ data entry operator 	
Mandatory HSC Course Requirements Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement. Students who do not meet these requirements will be 'N' determined as required by the NESA.	
External Assessment (optional HSC examination for ATAR purposes) The Higher School Certificate examination for Business Services is only available after completion of 240 indicative hours and will involve a written examination consisting of multiple-choice, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.	
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 the competency requirements for performance and knowledge of the units/s of competency.	
Appeals and Complaints Students may lodge a complaint or an appeal about a decision (including assessment decisions) through the VET teacher.	
Course Costs: \$30 Refund Arrangements on a pro-rata basis Please see your VET teacher to enquire about financial assistance.	
A school-based traineeship is available in this course, for more information: http://www.sbatinnsw.info/	
Exclusions - VET course exclusions can be checked on the NESA website at https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions	



2021 HOSPITALITY KITCHEN OPERATIONS COURSE DESCRIPTION

This may change due to Training Package and NSW Education Standards Authority (NESA) updates.
Notification of variations will be made in due time.

Course: **Hospitality - Kitchen Operations**
Board Developed Course

2 or 4 Preliminary and/or HSC units in total
Category B for Australian Tertiary Admission Rank (ATAR)

This course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational training. This is known as dual accreditation.

SIT20416 Certificate II in Kitchen Operations
Based on SIT Tourism, Travel and Hospitality training package
(version 1.2)

Units of Competency

Core

BSBWOR203	Work effectively with others
SITHCCC001	Use food preparation equipment
SITHCCC005	Prepare dishes using basic methods of cookery
SITHCCC011	Use cookery skills effectively
SITHKOP001	Clean kitchen premises and equipment
SITXFSA001	Use hygienic practices for food safety
SITXINV002	Maintain the quality of perishable items
SITXWHS001	Participate in safe work practice

Electives

SITHCCC002	Prepare and present simple dishes
SITHCCC003	Prepare and present sandwiches
SITHCCC006	Prepare appetisers and salads
BSBSUS201	Participate in environmentally sustainable work practices
SITXFSA002	Participate in safe food handling practices
SITHIND002	Source and use information on the hospitality industry

Students may apply for Recognition of Prior Learning and /or Credit Transfer provided suitable evidence is submitted.

Recommended Entry Requirements

Students selecting this course should be interested in working in a kitchen preparing food. They should be able to lift and carry equipment, use hand held and larger commercial kitchen equipment. Students will be required to attend events and functions out of school hours. There will be out of class homework, research activities and assignments.

Examples of occupations in the hospitality industry

- trainee chef short order
- fast food cook breakfast cook

Mandatory HSC Course Requirements Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement. Students who do not meet these requirements will be 'N' determined as required by NESA.

External Assessment (optional HSC examination for ATAR purposes)

The Higher School Certificate examination for Hospitality Kitchen is only available after completion of 240 indicative hours and will involve a written examination consisting of multiple-choice items, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.

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 the competency requirements for performance and knowledge of the units/s of competency.

Appeals and Complaints

Students may lodge a complaint or an appeal about a decision (including assessment decisions) through the VET teacher.

Course Costs: Resources \$80.00

Consumables \$120.00 (Food)

Optional Tool Kit - \$85

Refund Arrangements on a pro-rata basis

Please see your VET teacher to enquire about financial assistance

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

Exclusions - VET course exclusions can be checked on the NESA website at <http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions>



2021 INFORMATION and DIGITAL TECHNOLOGY COURSE DESCRIPTION

This course will change due to Training Package and NSW Education Standards Authority (NESA) updates.

Notification of variations will be made in due time.

Course: **Information and Digital Technology**
Board Developed Course

2 or 4 Preliminary and/or HSC units in total
Category B for Australian Tertiary Admission Rank (ATAR)

This industry curriculum framework course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational training. This is known as dual accreditation.

Statement of Attainment in partial completion of ICT30118 Certificate III in Information, Digital Media and Technology Units of Competency Based on ICT Information & Communications Technology Release 5

Core

BSBWHS304	Participate effectively in WHS communication and consultation processes
BSBSUS401	Implement and monitor environmentally sustainable work practices
ICTICT202	Work and communicate effectively in an ICT environment
ICTICT301	Create user documentation
ICTICT302	Install and optimise operating system software
ICTSAS308	Run standard diagnostic tests

Stream

ICTICT203	Operate application software packages
ICTICT308	Use advanced features of computer applications
ICTWEB303	Produce digital images for the web
ICTWEB302	Build simple websites using commercial programs
Elective	
ICTWEB201	Use social media tools for collaboration and engagement

Students may apply for Recognition of Prior Learning and /or Credit Transfer provided suitable evidence is submitted.

Information & Digital Technology Specialisation Course 120 hours over 1 year - 2 HSC units

To receive the full qualification ICT30118 Certificate III in Information, Digital Media and Technology, students must be deemed competent in all units from the Preliminary and HSC course listed above and the units in the specialisation course outlined below.

Units of Competency

ICTICT307	Customise packaged software applications for clients	ICTSAS305	provide ICT Advice to clients
ICTSAS304	Provide Basic system administration	ICTICT304	Implement system software changes
BSBEBU401	Review and maintain a website	ICTSAS303	Care for computer hardware

Recommended Entry Requirements

Students selecting this course should be interested in working in the information technology industry. Students should be creative, cooperative and able to work in teams. They should be able to use a personal computer and lift and carry small equipment. Students should be interested in working with operating system software and have an interest in learning the various methods to troubleshoot problems. There will be out of class homework, research activities and assignments.

Pathways to Industry

Working in the information technology industry involves:

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

Examples of occupations in the Information Technology industry

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

Mandatory Course Requirements

Students must complete a minimum of 70 hours work placement. Students who do not meet these requirements will be 'N' determined as required by NESA.

External Assessment (optional HSC examination for ATAR purposes)

The Higher School Certificate examination for Information and Digital Technology is only available after completion of 240 indicative hours and will involve a written examination consisting of multiple-choice items, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.

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 they can effectively carry out competency. When a student achieves a unit of competency it is signed off by the assessor.

Appeals and Complaints

Students may lodge an appeal or a complaint about an assessment decision or other decisions through the VET teacher.

Course Costs: Resources \$80 over 2 years (Year 11 \$40, Year 12 \$40)

Refund Arrangements on a pro-rata basis

Please see your VET teacher to enquire about financial assistance

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

Exclusions - VET course exclusions can be checked on the NESA website at <http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions>



Education

Public Schools NSW, Ultimo Registered Training Organisation 90072

VOCATIONAL EDUCATION and TRAINING

2021 RETAIL SERVICES COURSE DESCRIPTION

This may change due to Training Package and NSW Education Standards Authority (NESA) updates.
Notification of variations will be made in due time.

Course: **Retail Services**
Board Developed Course

2 or 4 Preliminary and/or HSC units in total
Category B for Australian Tertiary Admission Rank (ATAR)

This course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational training. This is known as dual accreditation.

SIR30216 Certificate III in Retail

Based on SIR Retail Services Training Package Release 4.0

Units of Competency

Core

SIRXCEG001	Engage the customer
SIRXCEG002	Assist with customer difficulties
SIRXCEG003	Build customer relationships and loyalty
SIRXCOM002	Work effectively in a team
SIRXIND001	Work effectively in a service environment
SIRXRSK001	Identify and respond to security risks
SIRXSLS001	Sell to retail customer
SIRXWHS002	Contribute to workplace health and safety

Electives

SIRXIND002	Organise and maintain the store environment
SIRRINV002	Control stock
SIRRMER001	Produce visual merchandise displays
SIRXPDK001	Advise on products and services
SIRRINV001	Receive and handle retail stock

Additional for HSC requirements

SIRXSLS002	Follow point of sale procedures
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Students may apply for Recognition of Prior Learning and /or Credit Transfer provided suitable evidence is submitted.

Recommended Entry Requirements

Students selecting this course should be interested in working in the retail service industry. They should be able to lift and carry stock items, have the ability to work as a member of a team, and have good communication skills. There will be out of class homework, research activities and assignments.

Example of occupations in the Retail Industry

- | | |
|------------------------------|----------------------|
| ▪ buyer | ▪ sales person |
| ▪ customer service assistant | ▪ visual merchandise |
| ▪ stock controller | ▪ merchandise |

Mandatory HSC Course Requirements

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement. Students who do not meet these requirements will be 'N' determined as required by NESA.

External Assessment (optional HSC examination for ATAR purposes)

The Higher School Certificate examination for Retail Services is only available after completion of 240 indicative hours and will involve a written examination consisting of multiple-choice items, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.

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 the competency requirements for performance and knowledge of the units/s of competency.

Appeals and Complaints

Students may lodge a complaint or an appeal about a decision (including assessment decisions) through the VET teacher.

Course Costs: \$30.00

Refund Arrangements on a pro-rata basis

Please see your VET teacher to enquire about financial assistance

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

Exclusions - VET course exclusions can be checked on the NESA website at <http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions>

