HSC course descriptors Tomaree High School

Year 11 2024 HSC 2025



Requirements for the award of the HSC

All courses offered for the Higher School Certificate have a unit value.

Most subjects are 2-unit courses. Extension courses are 1-unit courses. Each unit involves class time of approximately 2 hours per week (60 hours per year).

For students to meet the requirements of the HSC award:

- All students must study 2 units of English of any level
- Students study a minimum of 12 units in Year 11
- Students study a minimum of 10 units in Year 12
- Students must study at least 4 subjects in Year 12
- Students must study at least 6 units of Board Developed Courses (BDC)
- Students can only study at most 7 units of courses in Science
- Students must have passed the Minimum Standards tests

Record of School Achievement

The NSW Education Standards Authority (NESA) issues the Record of School Achievement (RoSA) to eligible students who leave school before completing the Higher School Certificate (HSC) or have not met the requirements for a HSC Award.

- The RoSA is a cumulative credential, meaning it contains a student's record of academic achievement up until the date they leave school. This could be between the end of Year 10 up until and including some results from Year 12s
- The RoSA records completed Stage 5 (Year 10) and Preliminary Stage 6 (Year 11) courses and grades, HSC (Year 12) results, and where applicable participation in any uncompleted Preliminary Stage 6 courses or HSC courses
- The RoSA is useful to students leaving school prior to the HSC because they can show it to potential employers or places of further learning
- The RoSA is also available to students who, from 2020, have not demonstrated the HSC minimum standard to receive their HSC

HSC Course Types

There are different types of courses that can be selected in Years 11 and 12.

Board Developed Courses (BDC)

NSW Education Standards Authority (NESA) develops these courses and the following information is available on their website.

- objectives, structure, contents and outcomes
- specific course and assessment requirements
- the performance scale (except for Vocational Education and Training Courses)
- These courses can count towards the calculation of the Australian Tertiary Admission Rank (ATAR)

Board Endorsed Courses (BEC)

- there are two types of Board Endorsed Courses Content Endorsed Courses and School Designed Courses
- there is no external examination for any Content Endorsed Course
- all Board Endorsed Courses count towards the required 10 or 12 units
- Board Endorsed Courses do not count in the calculation of the ATAR
- all Board Endorsed Courses will appear on students' Record of School Achievement (RoSA)

Content Endorsed Courses (CEC)

• have syllabuses endorsed by NESA to cater for areas of special interest

School Designed Courses (SDC)

- Schools may also design courses to meet local student needs
- These syllabuses are approved by NESA

Vocational Education and Training (VET) Courses - Either Board Developed or Board Endorsed

- VET courses contribute to the HSC qualification and enable students to study courses relevant to industry needs with clear links to post-school destinations.
- All VET courses can contribute 2 units towards the ATAR calculation if students elect to sit the optional HSC examination
- Students also gain industry accredited qualifications as part of the Australian Qualifications Framework (AQF). This framework is recognised across Australia
- Some VET courses have a specific workplace component
- Students receive special documentation showing the competencies gained. Some of these courses will be delivered by schools, while others will be delivered by TAFE or other providers.

High School Certificate Course Guideline Summary

Course	Course Type	Contributes to ATAR	Project/Work or Work Placement	Year 11 Costs
ENGLISH				
English Extension	BDC	Yes		nil
English Advanced	BDC	Yes		nil
English Standard	BDC	Yes		nil
English Studies	BDC	Optional		nil
MATHEMATICS	BDC			
Mathematics Standard 1	BDC	Optional		nil
Mathematics Standard 2	BDC	Yes		nil
Mathematics Advanced	BDC	Yes		nil
Mathematics Extension 1	BDC	Yes		nil
Mathematics Extension 2	BDC	Yes		nil
Numeracy Stage 6	CEC	No		nil
HUMAN SOCIETY and ITS ENVIRONMENT - HSIE				
Ancient History	BDC	Yes		nil
Business Studies	BDC	Yes		nil
<u>Geography</u>	BDC	Yes	Project	nil
Legal Studies	BDC	Yes		nil
Modern History	BDC	Yes		nil
Society and Culture	BDC	Yes	Project	nil
SCIENCE				
Agriculture	BDC	Yes		\$30
Biology	BDC	Yes		\$30
Chemistry	BDC	Yes		\$30
Earth and Environmental Science	BDC	Yes		\$30
Investigating Science	BDC	Yes		\$30
<u>Physics</u>	BDC	Yes		\$30
Marine Studies	CEC	No		\$30
CREATIVE AND PERFORMING ARTS				
Drama	BDC	Yes	Major Work	nil
Music 1	BDC	Yes	Major Work	\$40
Visual Arts	BDC	Yes	Major Work	\$70
Photography, Video and Digital Imaging	BEC	No		\$60
PDHPE				
<u>PDHPE</u>	BDC	Yes		nil
TAS – HOME ECONOMICS				
Food Technology	BDC	Yes		\$65
Community and Family Studies	BDC	Yes		nil
Textiles & Design	BDC	Yes		\$60
TAS – INDUSTRIAL ARTS				
Engineering Studies	BDC	Yes		nil
Industrial Technology – Timber	BDC	Yes	Project	\$70
Design & Technology	BDC	Yes	Project	\$60
Software Engineering	BDC	Yes		nil
LANGUAGES				
Japanese	BDC	Yes		nil

Course	Course Type	Contributes to ATAR	Project/Work or Work Placement	Year 11 Costs
BOARD ENDORSED COURSES				
Sport Lifestyle & Recreation Studies	BEC	No		nil
Work Studies	BEC	No		nil
VOCATIONAL EDUCATION & TRAINING (VET)				
Construction Pathways	BDC	Optional	Work Placements	\$55
Hospitality	BDC	Optional	Work Placements	\$120
Manufacturing and Engineering	BEC	No	Work Placements	\$65
Primary Industries	BDC	Optional	Work Placements	\$65
				nil
VET – CONTENT ENDORSED COURSES				
Sports Coaching	CEC	No	Work Placements	nil
TAFE DELIVERED (TVET)				
See Careers Advisor for TAFE options		See Careers A	dvisor	

Courses: Year 11 English Extension 2024 Year 12 English Extension 1 2025 Year 12 English Extension 2 2025

1 unit of study for each of Year 11 and Year 12 **Prerequisites:**

- English (Advanced) course (a)
 - Year 11 English Extension Course is prerequisite for Extension Course 1. (b)
 - Extension Course 1 is prerequisite for Extension Course 2. (c)
 - Exclusions: English (Standard) Course; Fundamentals of English; ESL

Cost: nil

Course Description:

- In the Year 11 English (Extension) course students explore how and why texts are valued in and appropriated into a range of contexts. They consider why some texts may be perceived as culturally significant (valued).
- In the Year 12 English Extension Course 1 students explore ideas of value and consider how cultural values • and systems of valuation arise.
- In the Year 12 English Extension Course 2, students develop an independent project, and document their • progress and reflect on this process.

Main Topics Covered:

Year 11 Course Structure and Requirements

	English Extension	Indicative hours
Year 11 course (60 hours) Module: Texts, Culture and Value Related research project This project may be undertaken concurrently with the module		40
		20
Text requirements	 Teachers prescribe ONE text from the past and its manifestations in one or more recent cultures Students select ONE text and its manifestations in one or more recent cultures. Students research a range of texts as part of their independent project 	

Component	Weighting%
Knowledge and understanding of complex texts and of how and why they are valued	50
Skills in complex analysis, sustained composition and independent investigation	50
	100
sessment: Year 12 English Extension Course 2	
sessment: Year 12 English Extension Course 2 Component	Weighting%
-	Weighting%
	• •

Note:

Students must choose both Extension 1 and Extension 2 in Year 12 if they are to undertake Extension 2. Year 12 English Extension 1 can be studied as a stand alone subject. Both courses have been developed for students who may wish to undertake further study at University after the completion of the HSC

Course: Year 11 English Advanced 2024 Year 12 English Advanced 2025

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: English Standard; Fundamentals of English; ESL

Cost: nil

Course Description:

In the Year 11 English Advanced course students explore the ways events, experiences, ideas, values and processes are represented in and through texts and analyse the ways in which texts reflect different attitudes and values.

In the Year 12 English Advanced course students analyse and evaluate texts and the ways they are valued in their contexts.

Main Topics Covered:

Year 11 Course Structure and Requirements

	English Advanced	Indicative hours
Year 11 course	Common module: Reading to Write	40
(120 hours)	Module A: Narratives that Shape our World	40
	Module B: Critical Study of Literature	40
	English Advanced	Indicative hours
	Common module: Texts and Human Experiences	30
Year 12 course	Module A: Textual Conversations	30
(120 hours)	Module B: Critical Study of Literature	30
	Module C: The Craft of Writing Optional: This module may be studied concurrently with the common module and/or Modules A and B	30
icular Course Req • 11 English Adva	uirements: nced course text requirements	
Text requirements	 There are no prescribed texts for Year 11. Students must study a range of types of texts dradrama, poetry, nonfiction, film, media and digital te The Year 11 course requires students to support to their own wide reading. 	xts.
12 English Advar	ced course text requirements	
Text requirements	 Students are required to closely study four prescribed t each of the following categories: Shakespearean drama prose fiction poetry OR drama The remaining text may be film, media or nonfiction text or one of the categories above. The selection of texts for Module C: The Craft of Writing m types of texts and do not contribute to the pattern of prescrib Students must study ONE related text in the common mod Experiences. 	may be selected from ay be drawn from any ed texts for the course

Assessment: HSC Course only	
Component	Weighting%
Knowledge and understanding of course content	50
Skills in responding to texts and communication of ideas appropriate to audience,	50
purpose and context across all modules	100

Note: This course has been developed for students who may wish to undertake further study at University after the completion of the HSC.

Course: Year 11 English Standard 2024 Year 12 English Standard 2025

2 units for each of Preliminary and HSC

Exclusions:

English Advanced; English as a Second Language; Extension

Board Developed Course

Cost: nil

Course Description:

- In the Year 11 English Standard course students explore and experiment with the ways events, experiences, ideas and processes are represented in and through texts.
- In the Year 12 English Standard course students reflect on and demonstrate the effectiveness of texts for different audiences and purposes.

Main Topics Covered:

Year 11 Course Structure and Requirements

	English Standard	Indicative hours
Year 11 course (120 hours)	Common module – Reading to Write: Transition to Senior English	40
(120 110015)	Module A: Contemporary Possibilities	40
	Module B: Close Study of Literature	40

Year 12 Course Structure and Requirements

	English Standard	Indicative hours
	Common module – Texts and Human Experiences	30
Year 12 course	Module A: Language, Identity and Culture	30
(120 hours)	Module B: Close Study of Literature	30
	Module C: The Craft of Writing Optional: This module may be studied concurrently with the common module and/or Modules A and B	30

Particular Course Requirements:

Year 11 English Standard course text requirements

- There are no prescribed texts for Year 11.
- Students are required to study ONE complex multimodal or digital text in Module A. (This may include the study of film.)
- Students are required to study 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.
- Students must study a range of types of texts drawn from prose fiction, drama, poetry, nonfiction, film, media and digital texts.

Year 12 English Standard course texts requirements

Students are required to closely study three types of prescribed texts, one drawn from each of the following categories:

- prose fiction
- poetry OR drama
- film OR media OR nonfiction

The selection of texts for Module C: The Craft of Writing does not contribute to the required pattern of prescribed texts for the course.

Students must study ONE related text in the Common module: Texts and Human Experiences.

Assessment: Year 12 course only

Component	Weighting%
Knowledge and understanding of course content	50
Skills in responding to texts and communication of ideas appropriate to audience,	50
purpose and context across all modules	100

Courses: Year 11 English Studies 2024 Year 12 English Studies 2025

Cost: nil

2 units for each of Year 11 and Year 12 Content Endorsed Course

Exclusions: English (Advanced), English (Standard), ESL

Main Topics Covered:

	English Studies	Indicative hours
Year 11 course (120 hours)	Mandatory module – Achieving through English: English in education, work and community	30–40 hours
	An additional 2–4 modules to be studied	20–30 hours each
Text requirements	 In Year 11 students are required to: read, view, listen to and compose a wide range of tex multimodal texts study at least one substantial print text (for example a nove study at least one substantial multimodal text (for example series). 	l, biography or drama)

	English Studies	Indicative hours
Year 12 course (120 hours)	Mandatory common module – Texts and Human Experiences	30 hours
、	An additional 2–4 modules to be studied	20–45 hours each
Text requirements	 In both Year 11 and Year 12 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). 	

Assessment: Year 12 course only	
Component	Weighting%
Knowledge and understanding of course content	50
Skills in:	50
Comprehending texts	100
Communicate ideas	
 Using language accurately, appropriately and effectively 	

Note: Students now have the opportunity to attempt the HSC examination

Course: Mathematics Standard 1 2024

2 units Year 11 (Preliminary) and Year 12 (HSC).

Board Developed Course.

Prerequisites: The Mathematics Standard 1 Year 11 course has been developed on the assumption that students have studied the content and achieved the outcomes of the Mathematics Years 7–10 Syllabus and the content and outcomes of all substrands of Stage 5.1 and some substrands of Stage 5.2.

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 1 Year 12 course.

Cost: nil

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

Mathematics Standard students use mathematics to make informed decisions in their daily lives. Students develop understanding and competence in mathematics through real-world applications. These skills can be used in a range of concurrent HSC subjects.

Mathematics Standard 1 improves numeracy by building student confidence and making mathematics meaningful. Numerate students can manage situations or solve problems in everyday life, work or further learning.

Main Topics Covered:

	Mathematics Standard		
Year 11 course (120 hours)	Topics	Subtopics	
	Algebra	MS-A1 Formulae and Equations MS-A2 Linear Relationships	
	Measurement	MS-M1 Applications of Measurement MS-M2 Working with Time	
	Financial Mathematics	MS-F1 Money Matters	
	Statistical Analysis	MS-S1 Data Analysis MS-S2 Relative Frequency and Probability	

Assessment: Students studying Mathematics Standard 1 may elect to undertake an optional HSC examination. The examination mark may be used to contribute to the student's Australian Tertiary Admission Rank (ATAR).

External Assessment (Optional)	Internal Assessment
The examination will consist of a written paper worth 80 marks. The time allowed is 2 hours plus 10 minutes reading time.	A variety of assessment tasks across all the content will be used to determine a students' school-based assessment.
A reference sheet will be provided. Students may bring NESA approved calculators for use during the examination.	The aims and objectives are grouped into two components for the purpose of assessment: Component A 50% Understanding, Fluency and Communication Component B 50% Problem Solving, Reasoning and Justification
100	100

Course: Mathematics Standard 2 2024

2 units Year 11 (Preliminary) and Year 12 (HSC).

Board Developed Course.

Prerequisites: The Mathematics Standard 2 Year 11 course has been developed on the assumption that students have studied the content and achieved the outcomes of the Mathematics Years 7–10 Syllabus and the content and outcomes of all substrands of Stage 5.1 and some substrands of Stage 5.2.

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.

Cost: nil

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

In Year 12, Mathematics Standard 2 is a BDC which qualifies for the HSC and an ATAR.

Mathematics Standard students use mathematics to make informed decisions in their daily lives. Students develop understanding and competence in mathematics through real-world applications. These skills can be used in a range of concurrent HSC subjects.

In Mathematics Standard 2 students extend their mathematical skills beyond Stage 5 without the in-depth knowledge of higher mathematics that the study of calculus would provide. This course prepares students for a wide range of educational and employment aspirations, including continuing their studies at a tertiary level.

Main Topics Covered:

	Mathematics Standard	
Year 11 course (120 hours)	Topics	Subtopics
	Algebra	MS-A1 Formulae and Equations MS-A2 Linear Relationships
	Measurement	MS-M1 Applications of Measurement MS-M2 Working with Time
	Financial Mathematics	MS-F1 Money Matters
	Statistical Analysis	MS-S1 Data Analysis MS-S2 Relative Frequency and Probability

External Assessment	Internal Assessment
The examination will consist of a written paper worth 100 marks. The time allowed is 2 hours and 30 minutes plus 10 minutes reading time.	A variety of assessment tasks across all the content will be used to determine a students' school-based assessment.
A reference sheet will be provided.	The aims and objectives are grouped into two components for the purpose of assessment:
Students may bring NESA approved calculators for use during the examination.	Component A 50% Understanding, Fluency and Communication Component B 50% Problem Solving, Reasoning and Justification
100	100

Course: Mathematics Advanced 2024

2 units Year 11 (Preliminary) and Year 12 (HSC).

Board Developed Course.

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 Mathematics Years 7–10 Syllabus and the content and outcomes of all substrands of Stage 5.1 and Stage 5.2, and some substrands of Stage 5.3.

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

Cost: nil

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 course provides students with the opportunity to develop ways of thinking in which problems are explored through observation, reflection and reasoning.

Main Topics Covered:

	Mathematics Advanced	
	Topics	Subtopics
Year 11 course (120 hours)	Functions	MA-F1 Working with Functions
	Trigonometric Functions	MA-T1 Trigonometry and Measure of Angles MA-T2 Trigonometric Functions and Identities
	Calculus	MA-C1 Introduction to Differentiation
	Exponential and Logarithmic Functions	MA-E1 Logarithms and Exponentials
	Statistical Analysis	MA-S1 Probability and Discrete Probability Distributions

External Assessment	Internal Assessment
This examination will consist of a written paper worth 100 marks. The time allowed is 3 hours plus 10 minutes reading time.	A variety of assessment tasks across all the content will be used to determine a students' school-based assessment.
The Mathematics Advanced Reference Sheet will be provided at the back of the examination paper.	The aims and objectives are grouped into two components for the purpose of assessment:
Students may bring NESA approved calculators for use during the examination.	Component A 50% Understanding, Fluency and Communication Component B 50% Problem Solving, Reasoning and Justification
100	100

Course: Mathematics Extension 1 2024

1 unit for each of Year 11 and Year 12

Board Developed Course

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 Mathematics Years 7–10 Syllabus and the content and outcomes of all sub strands of Stage 5.1, Stage 5.2 and Stage 5.3, including some of the optional sub strands.

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

Cost: nil

Course Description:

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.

Mathematics Extension 1 is focused on enabling students to develop a thorough understanding of and competence in further aspects of mathematics. The course provides opportunities to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively.

Main Topics Covered:

	Mathematics Extension	
	Topics	Subtopics
Year 11 course (60 hours)	Functions	ME-F1 Further Work with Functions ME-F2 Polynomials
	Trigonometric Functions	ME-T1 Inverse Trigonometric Functions ME-T2 Further Trigonometric Identities
	Calculus	ME-C1 Rates of Change
	Combinatorics	ME-A1 Working with Combinatorics

External Assessment	Internal Assessment
This examination will consist of a written paper worth 70 marks.	A variety of assessment tasks across all the content will be used to determine a students' school-based
The time allowed is 2 hours plus 10 minutes reading time.	assessment.
	The aims and objectives are grouped into two
The Mathematics Extension 1 Reference Sheet will be provided at the back of the examination paper.	components for the purpose of assessment:
	Component A 50% Understanding, Fluency and
Students may bring NESA approved calculators for use	Communication
during the examination.	Component B 50% Problem Solving, Reasoning and Justification
100	100

Course: Mathematics Extension 2 2025

1unit additional course for Year 12 ONLY

Board Developed Course

Prerequisites: The Mathematics Extension 2 Year 12 course has been developed on the assumption that students have studied the content and achieved the outcomes of the Mathematics Advanced Year 11 course and the Mathematics Extension 1 Year 11 course. The Mathematics Extension 2 Year 12 course has also been constructed on the assumption that students are concurrently studying the Mathematics Advanced Year 12 course and the Mathematics Extension 1 Year 12 course.

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

Cost: nil

Course Description:

The Mathematics Extension 2 Year 12 course includes the Mathematics Extension 1 Year 12 course and the Mathematics Advanced Year 12 course.

Mathematics Extension 2 provides students with the opportunity to develop strong mathematical manipulative skills and a deep understanding of the fundamental ideas of algebra and calculus, as well as an appreciation of mathematics as an activity with its own intrinsic value, involving invention, intuition and exploration. Mathematics Extension 2 extends students' conceptual knowledge and understanding through exploration of new areas of mathematics not previously seen.

Main Topics Covered:

	Mathematics Extension 2		
	Topics	Subtopics	
	Proof	MEX-P1 The Nature of Proof MEX-P2 Further Proof by Mathematical Induction	
Year 12 course (60 hours)	Vectors	MEX-V1 Further Work with Vectors	
Complex Numbers MEX-N1 Intro MEX-N2 Usir	MEX-N1 Introduction to Complex Numbers MEX-N2 Using Complex Numbers		
	Calculus	MEX-C1 Further Integration	
	Mechanics	MEX-M1 Applications of Calculus to Mechanics	

Assessment: HSC course only

External Assessment	Internal Assessment
This examination will consist of a written paper worth 100 marks.The time allowed is 3 hours plus 10 minutes reading time.The Mathematics Extension 2 Reference Sheet will be provided at the back of the examination paper.	A variety of assessment tasks across all the content will be used to determine a students' school-based assessment. The aims and objectives are grouped into two components for the purpose of assessment:
Students may bring NESA approved calculators for use during the examination.	Component A 50% Understanding, Fluency and Communication Component B 50% Problem Solving, Reasoning and Justification
100	100

Course: Numeracy Stage 6 (CEC) 2024

2 units Year 11 (Preliminary) and Year 12 (HSC).

Content Endorsed Course.

Prerequisites: Nil

Exclusions: The Numeracy course may be studied as a standalone course or in conjunction with the Mathematics Standard course, where the student would benefit from additional learning opportunities to strengthen their numeracy development.

Cost: nil

Course Description:

The Numeracy course builds on the knowledge, skills and understanding presented in the K–10 curriculum. It supports students to develop the functional numeracy skills required to become active and successful participants in society.

The Numeracy Stage 6 CEC Syllabus is designed to offer opportunities for students to reason numerically and think mathematically. 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.

The Numeracy course provides opportunities for students to develop 21st-century knowledge, skills, understanding, values and attitudes. As part of this, students are encouraged to learn to use appropriate technology as an effective support for numerical and mathematical activities.

Main Topics Covered:

	Numeracy		
	Module 1	Module 2	
Year 11 course (120 hours)	Operations with Whole Numbers	Fractions and Decimals	
	Distance, area and volume	Metric relationships	
	Time	Length, mass and capacity	
	Data, graphs and tables	Chance	

Assessment:

NESA requires schools to submit a grade based on student achievement for each Year 11 candidate in a course.

External Assessment	Internal Assessment
There is no external examination for the Numeracy Stage 6 CEC.	A variety of assessment tasks across all the content will be used to determine a students' school-based assessment.
All students studying the Numeracy Stage 6 CEC for the HSC will have their school-based assessment reported on NESA credentials as a grade (A to E).	The aims and objectives are grouped into two components for the purpose of assessment: Component A 50% Knowledge and Understanding Component B 50% Skills
100	100

Course: Ancient History 2024

2 units for each of Preliminary and HSC

Excursion: Museum Visit/Study Day

Board Developed Course

Cost: nil

Course Description:

Ancient History involves the study of at least two of the following areas: Egypt, Near East, Greece and Rome in both the Preliminary and HSC courses.

The Preliminary course is structured for students to investigate:

- people, groups, events, institutions, societies and historical sites;
- archaeological and written evidence and the methods used by historians and archaeologists in case studies and in the study of ancient societies.

The course provides a background for students' more specialised HSC studies.

In the HSC course, students use archaeological and written evidence to investigate a personality from the ancient world plus three ancient societies/historical periods.

Course Topics Covered:

Preliminary Course

Investigating Ancient History (50%)

- (a) The Nature of Ancient History
- (b) Case Studies at least two will be studied

Features of Ancient Societies (30%)

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.

Historical Investigation (20%)

• the investigation should extend a particular area of individual student 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.

HSC Course

Core Study: Cities of Vesuvius - Pompeii and Herculaneum, a Roman study - 25%

Ancient Societies – one 'Ancient Societies' topic to be studied from the Ancient Societies options offered in the syllabus – 25%

Personalities in their Times – one 'Personalities in their Times' to be studied from the Personality options offered in the syllabus – 25%

Historical Periods – one 'Historical Periods' topic to be studied from the Historical Periods options offered in the syllabus – 25%

Topic selections for the HSC course will be from at least **two** of the following areas: Egypt, Near East, China, Greece and Rome.

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
Section I: Core	25	Knowledge & understanding	40
Section II: Ancient Societies	25	Historical skills	20
Section III: Personalities in their	25	Communication of historical understanding	20
Times Section IV: Historical Periods	25	Historical inquiry & research	20
	100		100

Course: Business Studies 2024

2 units for each of Preliminary and HSC

Excursion: Taronga Zoo

Board Developed Course

Cost: nil

Course Description:

Business Studies is distinctive in that it encompasses the theoretical and practical aspects of business in contexts which students will encounter throughout their lives. Conceptually, it offers learning from the planning of a small business to the management of operations, marketing, finance and human resources in large businesses. Through the analysis of contemporary business strategies, the course also provides depth and lays an excellent foundation for students either in tertiary study or in future employment.

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

Course Topics Covered:

Preliminary Course

- Nature of Business
- Business Management
- Business Planning

HSC Course

- Operations
- Marketing
- Finance
- Human Resources

External Assessment	Weighting%	Internal Assessment	Weighting%
A three-hour written examination in four sections	100	Knowledge & Understanding of course content	40
		Inquiry & Research	20
		Stimulus-Based Skills	20
		Communication of business information & ideas in appropriate forms	20
	100		100

Course: Geography 2024

2 units for each of Preliminary and HSC

Excursions: Mandatory Fieldwork

Board Developed Course

Cost: nil

Course Description:

The Preliminary Course in Geography seeks to expand on the students prior learning from the mandatory courses in Years 7 – 10. In a similar way to Year 10, Year 11 is structured to provide students with opportunities to develop and apply their understanding of the geographical concepts of place, space, environment, interconnection, scale, sustainability and change. Students investigate natural systems; people, patterns and processes; and human-environment interactions. They develop an understanding of the nature and value of geographical inquiry through planning and conducting a geographical investigation.

The HSC Course enables students to understand and appreciate different viewpoints about the world they live in via three in-depth and relevant units. Each unit in the HSC Course is dynamic and requires a current understanding of the big issues happening in the world of today. Students investigate global sustainability, rural and urban places, and ecosystems and global biodiversity.

Course Topics Covered:

Preliminary Course

Earth's natural systems	40% of course time
People, patterns and processes	40% of course time
Human-environment interactions	20% of course time
Geographical Investigation	20% of course time
HSC Course	
Global sustainability	30% of course time
Rural and Urban places	45% of course time
Ecosystems and global biodiversity	45% of course time

Particular Course Requirements:

Students complete a Geographical Investigation in the Preliminary course and must undertake 12 hours of fieldwork in both the Preliminary and HSC courses.

Assessment: HSC course only				
External Assessment	Internal Assessment	Weighting%		
A three-hour written examination in four sections	Knowledge & Understanding Geographical Tools & Skills	40 20		
	Geographical Inquiry & Research, including fieldwork	20		
	Communication of geographical information	20		
100		100		

Course: Legal Studies 2024

2 units for each of Preliminary and HSC

Excursions: Parliament/Court Visits

Board Developed Course

Cost: nil

Course Description:

The law affects almost everything you do. When you drive a car, buy a new computer, rent a house, get hurt at work, marry, travel overseas, even when you die. Of course, the law is usually in the background. After all, it is not every day that you marry or have a car crash, however its worth knowing something about how the law works. If you get into trouble with police you should have some idea of what is illegal, what the police can do to you and what the judge will do if you end up in court.

This course develops students' knowledge and understanding of:

- How disputes are adjudicated, laws are made and conflicts resolved in legal institutions such as the courts, parliament and United Nations.
- The role of the legal system in promoting a just and fair society.
- The need for law reform due to changes in society like technology, social values and globalisation.

Preliminary			HSC	
Core 40%	Core Part I: The lega • Basic legal concep • Sources of c Australian law • Classification of law • Law reform • Law reform in action	ts contemporary v	Core Part I: Crime • The nature of crime • The criminal investigation process • The criminal trial process • Sentencing and punishment • Young offenders • International crime	Core 30%
Core 30%	Core Part II: The ind law • Your rights and res • Resolving disputes • Contemporary issu and technology	ponsibilities	Core Part II: Human rights • The nature and development human rights • Promoting and enforcing hum al	
Core 30%	Core Part III: Law in practice The Law in practice unit is designed to provide opportunities for students to deepen their understanding of the principles of law covered in the first sections of the course. This section may be integrated with Part I and/or Part II.		 o • Consumers o • Global environmental protection • Family n • Indigenous peoples 	Option 25% each
	rse Requirements: Nil			
Assessment H	SC course only.	Weighting%	Internal assessment	Waighting 9/
Section I: Core			Knowledge and Understanding	Weighting%
Section II: Core		30	Research	20
Section III: Option	ons	50	Communication	20
		100		100

Course: Modern History 2024

2 units for each of Preliminary and HSC

Excursion: Sydney Jewish Museum

Board Developed Course

Cost: nil

Course Description:

The study of history is an inquiry into past human experience that helps make the present more intelligible. The study of history allows students to perceive the world in a variety of ways as they develop powers of deduction and reasoning and learn to make sense of an increasingly complex global society.

The study of Modern History Stage 6 has a distinctive role in the school curriculum as it challenges students to consider the great social, technological, economic, political and moral transformations from the late eighteenth century to the present. It requires students to analyse the causes, progress and effects of these transformations and, finally, to make judgements about them. Modern History is especially relevant to the lives of students, as the events and issues that form its content are in many cases still current.

The study of Modern History also contributes to the development of skills that are of great importance in today's workforce. The fluent communication of thoughts and ideas gleaned from the critical analysis of primary and secondary sources is a sought-after skill. The ability to deconstruct texts and narratives, pose intelligent questions, test hypotheses and make critical use of information technologies is essential to living and working in the twenty-first century.

The Preliminary course is structured to provide students with opportunities to investigate key features, individuals, groups, events, concepts and historiographical issues in a range of historical contexts as background for their HSC studies.

In Year 12 students focus on Power and Authority in the Modern World, Conflict in the Pacific, Russia or the USA and the granting of civil rights in the USA. The HSC Course is designed for students to investigate national and international forces for change and continuity in the twentieth century.

Course Topics Covered:

Preliminary Course

• Part I: The Nature of Modern History and Case Studies - 50%

The Contestability of the Past with case studies on: Civil War and Reconstruction in the United States; The Meiji Restoration in Japan; The Downfall of the Romanov Dynasty in Russia.

Part II: Historical Investigation - 20%

Investigative Essay.

• Part III: The Shaping of the Modern World - 30%

World War One.

HSC Course

• Part I: Core Study – 25%

Power and Authority in the Modern World 1919-1946

• Part II: National Study - 25%

- Russia 1917-1941 or USA 1919-1941
- Part III: Peace and Conflict 25%
- Conflict in the Pacific 1933-1951

• Part IV: Change in the Modern World - 25% Civil Rights in the USA 1945-1968

Particular Course Requirements: Nil Assessment: HSC course only External Assessment Weighting% Internal Assessment Weighting% Part I: Core Study 25 Knowledge & understanding 40 Historical inquiry & research 20 25 Part II: National Study 20 Communication of historical Part III: Peace and Conflict 25 understanding 20 Historical skills Part IV: Change in the Modern World 25 100 100

Course: Society and Culture 2024

2 units for each of Preliminary and HSC

Excursion: Mosque and Museum Visit

Board Developed Course

Cost: nil

Course Description:

- The central goal is the development of social and cultural literacy.
- To give students a greater understanding of the society in which they live.
- To promote student awareness of the cultural continuities and changes within Australian and overseas societies and cultures.
- To provide students with skills to critically analyse social theories about people, societies, cultures and environments across time.
- Provide opportunities for the development of student social research skills that will facilitate positive participation in community life and commitment to lifelong learning.
- Interdisciplinary/cross-discipline in nature e.g draws from a range of subjects e.g anthropology, sociology, communication, media studies, philosophy, cultural studies

Course Topics Covered

Preliminary Course

- The Social & Cultural World 20%
- Personal & Social Identity 40%
- Intercultural Communication 40%

HSC Course

Core:

- Social and Cultural Continuity and Change 30%
- The Personal Interest Project 30%

Depth Studies - 40%

Two to be chosen from:

- Popular Culture
- Belief Systems and Ideologies
- Social Inclusion & Exclusion
- Social Conformity and Non-Conformity

Particular course Requirements: nil

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
A two-hour written examination Personal	60	Knowledge & Understanding	50
Interest Project	40	Research Methodology	30
		Communication	20
	100		100

Course: Agriculture 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Preliminary course incorporates the study of the connections between the components of agricultural production, including plants, animals, marketing and management, while giving consideration to the issue of long-term use of resources. This is a course with a practical lean.

The HSC course builds upon the Preliminary course. It examines the components of agricultural production, but places a greater emphasis on the place of the farm in the wider economic, environmental and social environment. The farm as a fundamental production unit provides a basis for analysing and addressing social, environmental and economic issues from national and international perspectives. This is achieved through the Farm Enterprise/Product Study which focuses on an integrated approach achieved by the aquaculture industry.

Main Topics Covered:

Preliminary Course

- Overview of Australian Agriculture
- The Farm Case Study
- Plant Production
- Animal Production

HSC Course

Core Topics:

- Plant/Animal Production
- Farm Product Study

Select 1 Elective:

- Elective 1 Agri-food, Fibre and Fuel Technologies
- Elective 2 Climate Challenge
- Elective 3 Farming for the 21st Century

Particular Course Requirements:

Practical experiences should occupy a minimum of 30% of both Preliminary and HSC course time. If the research project option is undertaken, a project report and process diary must be submitted to NESA.

Assessment: HSC course only		Year 11 and Year 12 courses	
External Assessment	Weighting%	Internal Assessment	Weighting%
3 hour written examination:	100	Farm Enterprise/Product Study	30
		Plant/Animal Production	50
		Electives	20
	100		100

Course: Biology 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Biology Stage 6 Syllabus explores the diversity of life from a molecular to a biological systems level. The course examines the interactions between living things and the environments in which they live. It explores the application of biology and its significance in finding solutions to health and sustainability issues in a changing world.

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

Main Topics Covered:

Preliminary Course

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

HSC Course

- Heredity
- Genetic change
- Infectious disease
- Non-infectious disease and disorders

Particular Course Requirements:

The Year 11 course includes a compulsory fieldwork exercise. Practical investigations must occupy a minimum of 35 indicative hours in each of the Year 11 and Year 12 courses. Students must complete a Depth Study occupying a minimum of 15 hours of class time in each of the Year 11 and Year 12 courses.

Assessment: Year 12 course only		Year 11 and Year 12 courses	
External Assessment	Weighting%	Internal Assessment	Weighting%
3 hour written examination: Skills in working scientifically Knowledge and understanding of course content	60 40	Skills in working scientifically Knowledge and understanding of course content Maximum of 4 assessment tasks one of which assesses the depth study	60 40
	100		100

Course: Chemistry 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Chemistry Stage 6 Syllabus explores the structure, composition and reactions of and between all elements, compounds and mixtures that exist in the Universe. The discovery and synthesis of new compounds, the monitoring of elements and compounds in the environment, and an understanding of industrial processes and their applications to life processes are central to human progress and our ability to develop future industries and sustainability.

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

Main Topics Covered:

Preliminary Course

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

HSC Course

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

Particular Course Requirements:

Practical investigations must occupy a minimum of 35 indicative hours in each of the Year 11 and Year 12 courses. Students must complete a Depth Study occupying a minimum of 15 hours of class time in each of the Year 11 and Year 12 courses.

Assessment: Year 12 course only		Year 11 and Year 12 courses	
External Assessment	Weighting%	Internal Assessment	Weighting%
3 hour written examination:		Skills in working scientifically	60
Skills in working scientifically	60	Knowledge and understanding of course content	40
Knowledge and understanding of course content	40	Maximum of 4 assessment tasks one of which assesses the depth study	
	100		100

Course: Earth and Environmental Science 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Earth and Environmental Science Stage 6 Syllabus explores the formation of the Earth and the evolution of its continents, oceans, atmosphere and life forms. Students engage in studies of the impacts of human activities on these Earth's systems and develop their skills in measuring and monitoring them. The course provides the foundation knowledge and skills required to study Earth and Environmental Science after completing school, and supports participation in careers in a range of related industries. The application of Earth and Environmental Science is essential in addressing current and future environmental issues and challenges. It is also necessary for the use and management of geological resources that are important to Australia's sustainable future.

Main Topics Covered:

Preliminary Course

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

HSC Course

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

Particular Course Requirements:

The Year 11 course includes a compulsory fieldwork exercise. Practical investigations must occupy a minimum of 35 indicative hours in each of the Year 11 and Year 12 courses. Students must complete a Depth Study occupying a minimum of 15 hours of class time in each of the Year 11 and Year 12 courses.

Assessment: Year 12 course only		Year 11 and Year 12 courses		
External Assessment	Weighting%	Internal Assessment	Weighting%	
3 hour written examination:		Skills in working scientifically	60	
Skills in working scientifically	60	Knowledge and understanding of course content	40	
Knowledge and understanding of course content	40	Maximum of 4 assessment tasks one of which assesses the depth study		
	100		100	

Course: Investigating Science 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Investigating Science Stage 6 Syllabus is designed to assist students of all abilities engage with scientific processes. The Investigating Science course is designed to complement the study of the science disciplines by providing additional opportunities for students to investigate and develop an understanding of scientific concepts, their current and future uses, and their impacts on science and society. The knowledge, understanding and skills gained from this course are intended to support students' ongoing engagement with science, and to form the foundation for further studies and participation in current and emerging STEM-related post-school activities and industries.

Topics:

Preliminary Course

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

HSC Course

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

Particular Course Requirements:

Practical investigations must occupy a minimum of 35 indicative hours in each of the Year 11 and Year 12 courses. Students must complete a Depth Study occupying a minimum of 30 hours of class time in each of the Year 11 and Year 12 courses.

Assessment: Year 12 course only		Year 11 and Year 12 courses	
External Assessment	Weighting%	Internal Assessment	Weighting%
3 hour written examination:		Skills in working scientifically	60
Skills in working scientifically Knowledge and understanding of course content	60 40	Knowledge and understanding of course content Maximum of 4 assessment tasks one of which assesses the depth study	40
	100		100

Course: Physics 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The Physics Stage 6 Syllabus involves the study of matter and its motion through space and time, along with related concepts that include energy and force. Physics deals with the study of phenomena at various scales – from nuclear particles and their interactions up to the size and age of the Universe. This allows students to better understand the physical world and how it works, develop critical thinking and problem solving skills, and explore the role and influence of physics in society.

Main Topics Covered:

Preliminary Course

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

HSC Course

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

Particular Course Requirements:

Practical investigations must occupy a minimum of 35 indicative hours in each of the Year 11 and Year 12 courses. Students must complete a Depth Study occupying a minimum of 15 hours of class time in each of the Year 11 and Year 12 courses.

Assessment: Year 12 course only		Year 11 and Year 12 courses	
External Assessment	Weighting%	Internal Assessment	Weighting%
3 hour written examination:		Skills in working scientifically	60
Skills in working scientifically Knowledge and understanding of course content	60 40	Knowledge and understanding of course content Maximum of 4 assessment tasks one of which assesses the depth study	40
	100	Study	100

Course: Marine Studies 2024

2 units for each of Year 11 and Year 12

Content Endorsed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet

Course Description:

The aim of the Stage 6 Marine Studies course is to develop in each student a capacity to think critically about key issues relating to the marine environment, to utilise and protect the resources it offers, and to develop skills that allow students to participate safely in a wide range of practical experiences. 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 in the twenty-first century. Students undertaking Marine Studies will gain knowledge and skills that will enable them to explore careers and further studies in a wide range of related fields.

Topics:

This course involves the study of 5 x 6hr Core Modules and a total of 210hrs of Optional Modules over Year 11 & 12.

Core Modules

- Marine Safety and First Aid
- The Marine Environment
- Life in the Sea
- Humans in Water
- Marine and Maritime Employment

Optional Modules

There are a total of 23 different optional modules and an optional Personal Interest Project. After completing the core, schools are able to select from the optional modules to develop programs that respond to student needs and interests. These modules include: Resuscitation Certificate, First Aid Certificate, Dangerous Marine Creatures, Estuarine Studies, Coastal Studies, Oceanography, Local Area Study, Commercial and Recreational Fishing, Aquaculture, Marine Resource Management, Marine Aquarium, Seafood Handling and Processing, and more.

Particular Course Requirements:

As a Content Endorsed Course, the program of study and assessment are developed by the school to maximise its relevance to the local setting and students. Tomaree High School is uniquely placed with its location in Port Stephens, a renowned region for marine-based industries, including tourism and seafood.

Assessment: Year 11 & 12			
External Assessment	Weighting%	Internal Assessment	Weighting%
No external examination in Year 12		Year 12: Core Modules:	0
Year 11: Core Modules: Optional Modules:	25 75	Optional Modules:	100
	100		100

Course: Drama 2024

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Cost: nil

Course Description:

Students study the practices of Making, Performing and Critically Studying in Drama. 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 is theoretical and experiential.

HSC Course content

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

The Group Performance (between 3 and 6 students) involves creating a piece of original theatre through play building which is 8 to 12 minutes duration.

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. The individual project is started Term 4 and it is assumed students work on their project outside of class time.

Main Topics Covered:

Preliminary Course

- Improvisation, Play building, Acting Term 1
- Elements of Production in Performance Term 2
- Theatrical Traditions and Performance Styles Term 3

HSC Course

- Australian Drama and Theatre (Core content) Term 4
- Studies in Drama and Theatre Term 1
- Group Performance (Core content) Term 2
- Individual Project Term 4 Term 2

Particular Course Requirements:

- Students are required to take part in all practical workshops.
- Students are required to work/perform in a group chosen by the teacher as part of the HSC Group performance.
- Log Books students are expected to write an entry after each lesson
- "Theatre Blacks" students are required to have black clothing for performance i.e. long black pants, plain black singlet, and plain long sleeved black top.

Assessment HSC course only:			
External Assessment	Weighting%	Internal Assessment	Weighting%
Group Presentation (Core)	30	Australian Drama and Theatre Studies in Drama and Theatre	30 30
Individual Project	30	Development of Group	
		Performance	20
A one and a half hour Written		Development of Individual Project	20
Examination comprising two			
compulsory sections:			
Australian Drama and Theatre(Core)			
Studies in Drama and Theatre	40		
	100		100

Course: Music 1 2024

2 units for each of Preliminary and HSC

Board Developed Course

Prerequisites: Music mandatory course (stage 4 or equivalent)

Exclusions: Music 2

Cost: Refer to Subject Fee Sheet

Course Description:

In the Preliminary and HSC courses, students will study: the concepts of music through learning experiences in performance, composition, musicology and aural within the context of a range of styles, periods and genres. Preliminary Course: Assessment in the 4 areas of composition, performance, musicology and aural.

Main Topics Covered:

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

Particular course requirements:

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 the Board of Studies to validate authorship of the submitted work.

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
Core Performance (one piece)	20	Performance	10
A 1 hour aural (listening) exam		Composition	10
Electives:	30	Musicology	10
Three electives from any		Aural	25
combination of:		Elective 1	15
Performance	20	Elective 2	15
Composition	20	Elective 3	15
Musicology (viva voce)	20		
	110 converted to 100		100

Course: Visual Arts 2024

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions between Content Endorsed Courses and the Board Developed Visual Arts course:

Various exclusions currently apply in Ceramics, Photography and Visual Design cannot be used as a Body of Work

Cost: Refer to Subject Fee Sheet

Course Description:

Visual Arts involves students in the practices of artmaking, art criticism and art history. Students develop their own artworks culminating in a 'body of work' in the HSC course. Students critically investigate works, critics, historians and artists from Australia as well as those from other cultures, traditions and times.

The Preliminary course is broad, while the HSC course provides for deeper, increasingly more independent investigations.

Main Topics Covered:

Preliminary Course learning opportunities focus on:

- The nature of practice in artmaking, art criticism and art history through different investigations
- The role and function of artists' artwork, the world and audiences in the artworld
- The frames and how students might develop their own informed points of view
- How students may develop meaning and focus and interest in their work
- Building understandings over time through various investigations and working in different forms.

HSC Course learning opportunities focus on:

- How students may develop their own informed points of view in increasingly more independent ways using the frames
- How students may develop their own practice of artmaking, art criticism, and art history applied to selected areas of interest
- How students may learn about the relationships between artist, artwork, world, audience within the artworld
- How students may further develop meaning and focus in their work.

Particular Course Requirements: Preliminary Course

- artworks in at least 2 forms and use of a process diary
- a broad investigation of ideas in art criticism and art history

HSC Course

- development of a body of work and use of a process diary
- a minimum of 5 Case Studies (4–10 hours each)
- deeper and more complex investigations of ideas in art criticism and art history.

Assessment: HSC course only

······			
External Assessment	Weighting%	Internal Assessment	Weighting%
A written paper Submission of a body of work	50 50	Development of the body of work Art criticism and art history	50
			50
	100		100

Course: Photography, Video and Digital Imaging 2024

2 Units in Preliminary and/or HSC Course

Content Endorsed Course

Cost: Refer to Subject Fee Sheet + access to a digital Camera would be a beneficial but not a necessity.

Course Description:

This course will give students the opportunity to explore contemporary artistic practices that make use of photography, video and digital imaging. The course offers opportunities for students to investigate one or more of these fields and to develop and understanding of current and emerging technologies.

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. Student will have the opportunities to view exhibitions and films and contribute to creative art events within the school setting.

Students undertaking this course will need to be aware that they will be required to complete some of the practical in their own time, e.g. using the darkroom to complete printing.

This course will suit the student who is precise, self-motivated, can work independently and has creative flair

Fields and Modules:

Main Topics Covered:

Preliminary and HSC Course learning opportunities: Modules may be selected in any of the three broad fields of:

- Wet Photography
- Video
- Digital Imaging

Modules include:

- Introduction to the Field
- Developing a Point of View
- Traditions, Conventions, Styles and Genres
- Manipulated Forms
- The Arranged Image
- Temporal Accounts.

An Occupational 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.

Course requirements: Students are required to keep a diary throughout the 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.

Making 70%

• Critical/Historical/Research 30%

Course: Personal Development Health and Physical Education 2024

2 units for each of Preliminary and HSC courses

Board Developed Course

Exclusions: Nil

Cost: nil

Course Description:

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

In the HSC course, students focus on major issues related to Australia's health status. They also look at factors that affect physical performance. They undertake optional study from a range of choices. This includes investigating the health of young people or of groups experiencing health inequities. In other options, students focus on improved performance and safe participation by learning about advanced approaches to training or sports medicine concepts. There is also an opportunity to think critically about the factors that impact on sport and physical activity in Australian society.

Topics Covered: Preliminary Course Core Topics (60%)

- Better Health for Individuals (30%)
- The Body in Motion (30%)

Options Component (40%)

Students select TWO of the following options:

- First Aid (20%)
- Composition and Performance (20%)
- Fitness Choices (20%)
- Outdoor Recreation (20%)

HSC Course

Core Topics (60%)

- Health Priorities in Australia (30%)
- Factors Affecting Performance (30%)

Options Component (40%)

Students select TWO of the following options:

- The Health of Young People (20%)
- Sport and Physical Activity in Australian Society (20%)
- Sports Medicine (20%)
- Improving Performance (20%)
- Equity and Health (20%)

Course Requirements

The Preliminary course consists of two core modules representing 60% of course time. An options component representing 40% of course time includes four options of which students are to study two.

The HSC course consists of two core modules representing 60% of course time. An options component representing 40% of course time includes five options of which students are to study two.

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
A three-hour written paper	100	Core Options	60 40
	100		100

Course: Food Technology 2024

2 units for each of Preliminary and HSC

Board Developed Course

Cost: Refer to Subject Fee Sheet

Course Description:

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

Main Topics Covered:

Preliminary Course – 3 Core Strands

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

HSC Course – 4 Core Strands

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

Particular Course Requirements:

- There is no prerequisite study for the 2 unit Preliminary course. Completion of the 2 unit Preliminary course is a prerequisite to the study of the 2 unit HSC course.
- In order to meet the course requirements students must learn about Food Availability and Selection, Food Quality, Nutrition, the Australian Food Industry, Food Manufacture, Food Product Development and Contemporary Nutrition Issues.

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

Assessment: HSC course only:				
External Examination	Weighting%	Internal Assessment	Weighting%	
 A three (3) hour written examination plus 5 minutes reading time Section I Objective response questions Section II Short-answer questions Section III One structured extended response question. The question will have two or three parts, with one part worth at least 8 marks. The question will have an expected length of response of around four examination writing booklet pages (approximately 600 words). 	20 50 15	 Knowledge and understanding of course content Knowledge and skills in designing, researching, analysing and evaluating Skills in experimenting with and preparing food by applying theoretical concepts 	40 30 30	
 Section IV One structured extended response question. The question will have an expected length of response of around four examination writing booklet pages (approximately 600 words). 	15			
	100		100	

Exclusions: Nil

Course: Community and Family Studies 2024

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Cost: nil

Course Description: Community and Family Studies is an interdisciplinary course drawing on selected components of developmental psychology, sociology, economics, family studies and the law. It focuses on your general life experiences and encourages you to investigate the unique contributions of individuals, groups and communities. Main Topics Covered: **Preliminary Course Resource Management** Basic concepts of the resource management process. (Indicative course time: 20%) Individuals and Groups The individual's roles, relationships and tasks with groups. (Indicative course time: 40%) Families and Communities Family structures and functions and the interaction between family and community. (Indicative course time: 40%) **HSC Course** Research Methodology Ethical research procedures culminating in the production of an Independent Research Project. (Indicative course time: 25%) Groups in Context • The needs of specific community groups. (Indicative course time: 25%) Parenting and Caring Individuals and groups who adopt roles in parenting and caring in contemporary society (Indicative course time: 25%) **HSC Option Modules** (Select one of the following, Indicative course time: 25%): Family and Societal Interactions How government and community structures support and protect family members throughout the lifespan. Social Impact of Technology The impact of evolving technologies on individuals, families, work and communities. Individuals and Work Contemporary issues confronting families as they manage their roles within both their family and work environments. Particular Course Requirements: As part of the HSC, students are required to complete an Independent Research Project. The focus of the

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

Assessment: HSC course only

External Examination	Weighting%	Internal Assessment	Weighting%
 External Examination A 3 hour examination plus 5 minutes reading time Section I Part A Objective response questions Part B Short-answer questions Section II There are three options. Students answer the question on the option that they have studied. 	Weighting% 20 55 25	Internal Assessment Knowledge and understanding of course content Skills in critical thinking, research methodology, analysing and communicating	Weighting% 40 60
 There are two questions on each option. The first question is worth 10 marks and contains parts. The second question is an extended response question worth 15 marks, with an expected length of response of around four examination writing booklet pages (approximately 600 words) 			
	100		100

Course: Textiles & Design 2024

2 units for each of Preliminary and HSC

Board Developed Course

Exclusions: Nil

Cost: Refer to Subject Fee Sheet (students provide materials for their Major Works)

Course Description:

The Preliminary course involves the study of design, communication methods, construction techniques, innovations, fibers, yarns, fabrics and the textile industry. Practical experiences are integrated throughout the content areas and include experimental work and project work.

The HSC course builds upon the Preliminary course and involves the study of the history and culture of design, contemporary designers, emerging technologies, sustainable technologies, consumer issues and the marketplace. This course culminates in the development of a Major Textiles Project which is specific to a selected focus area and which includes supporting documentation and textile item/s.

Main Topics Covered:

Preliminary Course

- Design (40%)
- Properties and Performance of Textiles (50%)
- The Australian Textiles, Clothing, Footwear and Allied Industries (TCFAI) (10%)

HSC Course

- Design (20%)
- Properties and Performance of Textiles (20%)
- The Australian Textiles, Clothing, Footwear and Allied Industries (10%)
- Major Textiles Project (50%)

Particular Course Requirements:

In the Preliminary course, practical experiences should be integrated into the Design and Properties and Performance of Textiles areas of study as either experimental work and/or project work. In the HSC course, the major textile project allows students to develop a textile project that reflects either a cultural, historical or contemporary aspect of design. Students are expected to draw upon the knowledge and understanding of design, properties and performance and the TCFAI developed in the Preliminary course.

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
A written examination of one and a half hours plus 5 minutes reading time Section I		Knowledge and understanding of course content	50
Objective response questions Section II	10	Skills and knowledge in the design, manufacture and management of a major textiles	50
 Short-answer questions Section III 	24	project	
 There are two questions. One based on the Area of Study: Design and the other bases of the Area of Study: Properties and Performance of Textiles. Students answer one question. Each question is a structured extended response, with an expected length of response of around four examination writing booklet pages (approximately 600 words) in total. 	16		
Major Textile Project	50		
	100		100

Course: Engineering Studies 2024

2 units for each of Preliminary and HSC

Board Developed Course

Cost: Refer to Subject Fee Sheet

Course Description:

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

Main Topics Covered:

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: Engineered 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:

Engineering Report

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.

Assessment: (HSC) course only

The components and weightings for Year 12 are mandatory.	
Knowledge and understanding of course content	40
Knowledge and skills in designing, managing, producing and evaluating a major design project	60
Total	100

Course: Industrial Technology – Timber Products and Furniture Technologies 2024

2 units for each of Preliminary and HSC

Board Developed Course

Cost: Refer to Subject Fee Sheet

Course Description:

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.

Main Topics Covered:

Preliminary Course

Industry Design Management and Communication Production Industry Related Manufacturing Technology

HSC Course

Industry Study Major Project- Design, Management, Communication and Production Industry Related Manufacturing Technology

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.

Assessment: (HSC) course only

The components and weightings for Year 12 are mandatory.	
Knowledge and understanding of course content	40
Knowledge and skills in the design, management, communication and production of a major project	60
Total	100

Course: Design & Technology 2024

2 units for each of Preliminary and HSC

Board Developed Course

Cost: Refer to Subject Fee Sheet

Course Description:

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 includes evidence of the design process recorded in a 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.

Main Topics Covered:

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.

Assessment: (HSC) course only

The components and weightings for Year 12 are mandatory.40Knowledge and understanding of course content40Knowledge and skills in designing, managing, producing and evaluating a major design
project60Total100

Course: Software Engineering 2024

2 units for each of Preliminary and HSC

Board Developed Course

Cost: nil

Course Description:

The study of HSC Software Engineering enables students to develop an understanding of the fundamentals of computer science using a range of technologies including the Python programming language. Students will develop knowledge and understanding of software engineering, hardware and software integration, and the development, implementation and evaluation of computer programs.

Main Topics Covered:

Preliminary Course

Programming fundamentals including software development; designing algorithms; data for software engineering; and developing solutions with code.

The object-oriented paradigm (OOP) including Understanding OOP; and programming in OOP.

Programming mechatronics including understanding mechatronic hardware and software; designing control algorithms; and programming and building mechatronic systems.

HSC Course

Secure software architecture including designing software; developing secure code; and the impact of safe and secure software development.

Programming for the web including data transmission using the web; and designing web applications.

Software automation including algorithms in machine learning (ML); programming for automation; and the significance and impact of ML and AI.

Software engineering project.

Particular Course Requirements:

Textbook

Title: Software Engineering. The Year 11 Course Authors: D. Chantler, S. Davis, F. Downie, S. Pennington, M. Purcell, G. Rainger Publisher: Parramatta Education Centre Pty. Limited ISBN: 978-0-9808749-4-5

Title: Software Engineering. The Year 12 Course Authors: D. Chantler, S. Davis, F. Downie, S. Pennington, M. Purcell, G. Rainger Publisher: Parramatta Education Centre Pty. Limited ISBN: 978-0-9808749-5-2

Employment or further education

The course is recommended for students looking to pursue further study in computer science and related fields.

Assessment:

In Year 11 there will be 3 assessment tasks: a research assignment, a major project and a formal written examination.

In Year 12 there will be 4 assessment tasks: a research assignment, a major project, a written examination and the trial HSC examination.

The HSC examination will be 2 hours and 30 minutes undertaken using a computer. An understanding of the Python programming language will be assumed.

Course: Japanese Beginners 2024

2 units for each of Year 11 and Year 12

Board Developed Course

Exclusions: Students who studied Japanese in Year 9 and 10 choose Japanese Continuers (via Distance Education in 2024).

Cost: nil

Course Description:

Students will develop the linguistic and intercultural knowledge, understanding and skills to communicate actively in Japanese in interpersonal situations. They will interpret and respond to texts, applying their knowledge and understanding of language and culture. They will also create and present texts in Japanese for specific audiences, purposes and contexts, incorporating their linguistic and intercultural knowledge, understanding and skills.

Main Topics Covered:

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

Particular Course Requirements:

Students will be advised to purchase a dictionary for use in class, assessment tasks and examinations. Information regarding suitable editions will be discussed at the start of the course.

Assessment: HSC course only			
External Assessment	Weighting%	Internal Assessment	Weighting%
Oral Examination Listening Examination Reading Examination Writing Examination (Part A – 10 marks) (Part B – 10 marks)	20 30 30 20	Speaking Skills Listening Skills Reading Skills Writing Skills (Part A – 10 marks) (Part B – 10 marks)	20 30 30 20
	100		100

Course: Sport, Lifestyle and Recreation Studies 2024

This may be studied as 2 Units for Preliminary and HSC courses

Content Endorsed Course

Exclusions: Students studying PDHPE should not study CEC Modules which duplicate PDHPE modules

Cost: nil

Course Description:

Students learn about the importance of a healthy and active lifestyle and recognise the need to be responsible and informed decision-makers. This course enables students to further develop their understanding of and competence in a range of sport and recreational pursuits. They are encouraged to establish a lifelong commitment to being physically active and to achieving movement potential.

Course Outline

The course provides the opportunity to specialise in areas of expertise or interest through optional modules (ranging from 20–40 hours in duration) such as:

- Aquatics
- Athletics
- Dance
- First Aid and Sports Injuries
- Fitness
- Games and Sports Applications I
- Games and Sports Applications II
- Gymnastics
- Healthy Lifestyle
- Individual Games and Sports Applications
- Outdoor Recreation
- Resistance Training
- Social Perspectives of Games and Sport
- Sports Administration
- Sports Coaching and Training

Assessment

Internal Assessment Weight	
Knowledge and Understanding	50
Skills	50
	100

Course: Work Studies 2024

2 units for each of Preliminary and HSC

Content Endorsed Course

Cost: nil

Course Description:

The successful transition of students from school to the workforce, further education and training is a major issue faced by Australian students, schools, employers and tertiary education organisations.

The Work Studies course is designed to assist students in their transition from school to work. It develops knowledge and understanding of the issues faced by students in the transition to work and the skills needed for effective career planning and performance of tasks in the work environment.

The aim of the Work Studies course is to enable young people to develop the skills, knowledge, understanding and confidence to allow them to experience a successful transition from school to work and further education and training.

Knowledge, understanding and skills

Students will develop:

- knowledge and understanding of work, the work environment and skills for employment
- knowledge and understanding of employment options, career management, life planning and further education and training
- skills for success in the workplace
- skills in critically assessing personal and social influences on individuals and groups.

Values and attitudes

Students will value and appreciate:

- opportunities to build self-belief, motivation, persistence, and resilience
- · achieving positive results in school, work, family and community activities
- personal attributes that contribute to success in the workplace
- access to employment opportunities and further education and training.

Course Topics Covered:

- 1. In the Workplace
- 2. Preparing Job Applications
- 3. Workplace Communication
- 4. Teamwork and Enterprise Skills
- 5. Managing Work and Life Commitments
- 6. Personal Finance
- 7. Workplace Issues (the prerequisite module is In the Workplace)
- 8. Self-Employment (the prerequisite module is Managing Work and Life Commitments)
- 9. Team Enterprise Project

Assessment: HSC course only		
External Assessment	Internal Assessment	Weighting%
Nil	Knowledge and understanding outcomes and course content Skills outcomes and course content	30 70
		100

				202	4 Construct	ion Course Desc	riptor	
	ucatio	n	CPC20220 Cei	rtificate	ll in Constr	uction Pathways	(Release 6) & C	PC20120
NSW GOVERNMENT	ucatio					Certificate in II C		
			RTO - D)epartm	ent of Educ	ation - 90333, 902	222, 90072, 9016	2
		Training Package and NSW	Education Standards Authorit	ty (NESA) upd		ariations will be made in due ti		disadvantage.
Course: Constructi Board Developed C) hour)			Industry Curricu	ary and/or HSC units in lum Framework (ICF) -		
D	(FT 1) (ary Admission Rank (ATA		
						rogram of study which wi n, you must meet the asse		
						te in II Construction (Rele		1 01 020220
						will be expected to com		
						n Construction Pathways ast one unit of competend		re and 5 elective
Entry Requirement	ts							
You must complete	the VET e					(eg LLN Robot) before the		
			eted before enrolling in th nal digital device includin			ng this course you should	be interested in working	g in a
		Services Training Pa		ts of Compe		lop.		
Core Units		<u> </u>	.		Elective Units			
CPCCWHS2001			cies and procedures in the	е	CPCCCM1011	Undertake basic e	stimation and costing	
		ction Industry	y in the Construction Ind	uota (CPCCOM2001	Read and interpret	t plans and specification	S
CPCCOM1012			ly in the Construction ind	usuy	CPCCCA2002	Use carpentry tool	s and equipment	
CPCCOM1013		d organise work				Handle carpentry r		
CPCCVE1011	Underta	ke a basic construction	project		CPCCCA2011		ools and equipment	
CPCCOM1015	Carry ou	it measurement and ca	lculations		CPCCCM2005			inductor
					CPCWHS1001	Prepare to work sa	afely in the construction	industry
Classroom teacher		e one of the following o CPCCBL2001	ptions Handle and prepa	ro brieklovir	a and blooklovin	a motoriala		
		CPCCBL2001 CPCCBL2002	Use bricklaying a					
Option 2		CPCCWF2002	Use wall and floo	r tilling equip	oment	•		
		CPCCCM2013	Undertake basic i		f wall tiles			
Option 3		CPCCJN2001 CPCCJN3004	Assemble compo Manufacture and		inerv component	s		
White Card		<u></u>				s unit will lead to a Genera	al Construction Induction	n Card (White
		ork safely in the constru				This will allow student ac	cess to construction site	s across
delivered as part o		duction Training (Wh	ite Card) will be		r work purposes. d SafeWork NSV	V GIT card is mandatory b	pefore undertaking any \	Nork
						are NOT recognised by		
	-	-			pefore delivery,	provided suitable evider	nce is submitted.	
-	-	-	e transfer to other occu	-				
This qualification provides a pathway to the primary trades in the construction industry with the exception of plumbing. This allows for inclusion of skills suited for entry to off-site occupations, such as joint industry with the exception of plumbing.		as joinery as well						
		the construction indu	ustry:	us carpenti	y, briokaying and	ouner occupations in gen		
This qualification pro				isks applicat	ole to the majority	of construction work site	s: carpentry, joinery, bri	cklaying,
labourer Mandatory HSC Co		uiromonte						
			se work and a minimum of	of 70 hours v	work placement.	Students who do not mee	t these requirements wil	l be `N`
determined as requi	red by NE		k ready before work plac				·	
External Assessme		oxamination for Constr	uction is only available a	ftor complet	ion of 210 indicat	ive hours and will involve	a writton oxamination of	onsisting 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								
In this course you will work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent you must demonstrate to a qualified assessor the competency requirements for performance and knowledge of the unit of competency.								
Appeals and Complaints								
You may lodge a complaint or an appeal about a decision (including assessment decisions) by following the Appeals and Complaints Guidelines.								
Course Cost: Preliminary - \$xxx HSC - \$xxx - Refer to Subject Fee Sheet Refunds- Refund arrangements are on a pro-rata basis. Please School Specific equipment and associated requirements for students refer to your school refund policy refer to your school refund policy			asis. Please					
A school-based traineeship is available in this course. For more information: https://education.nsw.gov.au/public-schools/career-and-study-pathways/school-based-								
apprenticeships-and-traineeships								
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-ex								
				Statement of	of Attainment tow	ards CPC20120 Certificat		Version 0.20
	RTO - Department of Education - 90333, 90222, 90072, 90162 Version 0.20 Disclaimer: If you require accessible documents, please contact your VET Coordinator for support Version 0.20							



2024 HOSPITALITY COURSE DESCRIPTOR SIT20421 Certificate II in Kitchen Operations Public Schools NSW Tamworth RTO 90162

	tion Standards Authority (NESA) updates. Notification of variations will be made n due time	
Course: Hospitality Board Developed Course (240 hour)	2 or 4 Preliminary and/or HSC units in total Category B for Australian Tertiary Admission Rank (ATAR)	
By enrolling in a VET qualification with Public Schools NSW, Tamworth RTO 90162 you are choosing to participate in a program of study that will provide you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, you must meet the assessment requirements of SIT20416 Certificate II in Kitchen Operations (Release 1) https://training.gov.au/Training/Details/SIT20421 You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. This course is accredited for the		
HSC and provides students with the opportunity to obtain nationally re qualification, students must achieve all competencies. A statement of a is achieved.	ecognised vocational training. This is known as dual accreditation. To gain a full attainment towards the qualification is possible if at least one unit of competency	
training and assessment. Students must have completed All My Own V placement. Students selecting this course should be interested in worki digital device including a personal computer or laptop.	assessed for learning support (eg LLN Robot) before the commencement of any Vork before enrolling in this qualification and be work ready before work ing in a kitchen operations environment. They should be able to use a personal	
Tourism, Travel and Hospitality Training Package (SIT 1.2) Units	of Competency	
Core SITXFSA005 Use hygienic practices for food safety SITXWHS005 Participate in safe work practices SITHCCC023Use food preparation equipment SITHCCC027Prepare dishes using basic methods of cookery SITHKOP009 Clean kitchen premises and equipment SITXCCS001 interact with customers	Electives SITXFSA006Participate in safe food handling practices SITHCCC025Prepare and present sandwiches SITHCCC024Prepare and present simple dishes SITXCOM007 Show social and cultural sensitivity SITXINV006 receive, store and maintain stock SITHCCC026Package prepared foodstuffs SITHCCC034Work effectively in a commercial kitchen	
Students may apply for Recognition of Prior Learning (RPL) and /or cre	dit transfer before delivery, provided suitable evidence is submitted.	
Pathways to Industry - Skills gained in this course transfer to othe	r occupations	
 Working within the hospitality industry involves organising information and records in both paper and electronic forms customer (client) service 	 teamwork using technologies creating documents 	
Examples of occupations in the hospitality (kitchen operations) industry		
breakfast cook fast food co	• take-away cook	
catering assistant sandwich h	•	
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 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.		
as competent a student must demonstrate to a qualified assessor the c competency. Appeals and Complaints	nowledge described by each unit of competency listed above. To be assessed competency requirements for performance and knowledge of the units/s of	
Students may lodge a complaint or an appeal about a decision (includin Course Cost: Preliminary - \$xxx HSC - \$xxx – Refer to Subject Fee		
Students need to provide a full hospitality uniform and fully enclose leather upper shoes to participate and receive competencies.	Refund Arrangements on a pro-rata basis.	
A school-based traineeship is available in this course, for more informa pathways/school-based-apprenticeships-and-traineeships	tion: https://education.nsw.gov.au/public-schools/career-and-study-	
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		
2023 Course Descriptor SIT20416 Certificate II in Kitchen Operations Public Schools NSW Tamworth RTO 90162 V1.2 Updated March 2022 Disclaimer: If you require accessible documents, please contact your VET coordinator for support		



2024 Manufacturing and Engineering Introduction Course Descriptor MEM10119 Certificate I in Engineering & MEM20413 Statement of Attainment towards Certificate II in Engineering Pathways

RTO - Department of Education - 90333, 90222, 90072, 90162

 Course:
 Manufacturing and Engineering Introduction
 2 or 4 Preliminary and/or HSC units in total

 Board Endorsed Course 240 hour
 There is not an Australian Tertiary Admission Rank (ATAR) option for this course

By enrolling in this VET qualification with Public Schools NSW RTOs, you are choosing to participate in a program of study which will provide you a pathway towards HSC accreditation and a nationally recognised qualification (dual accreditation). To receive this VET qualification, you must meet the assessment requirements of MEM10119 Certificate I in Engineering & MEM20413 Statement of Attainment towards Certificate II in Engineering Pathways https://training.gov.au/Training/Details/MEM10119 and https://training.gov.au/Training/Details/MEM10119 and https://training.gov.au/Training/Details/MEM10119 and https://training.gov.au/Training/Details/MEM10119 and https://training.gov.au/Training/Details/MEM10119 and https://training.gov.au/Training/Details/MEM20413. You will be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. To gain the full qualification in the MEM10119 Certificate I in Engineering, you must achieve 1 core unit of competency and elective units of competency to a minimum value of fourteen (14) points. A statement of attainment towards either of the qualifications listed is possible, if at least one unit of competency is achieved.

Entry Requirements

You must complete the VET enrolment process, supplying your USI and be assessed for learning support (eg LLN Robot) before the commencement of any training and assessment. HSC: All My Own Work must be completed before enrolling in this qualification. When selecting this course you should be interested in working in a manufacturing engineering industry. Students should be able to carry out manual activities eg lifting, carrying and shifting loads of materials and have the ability to use hand and power tools and be able to use a personal digital device including a personal computer or laptop.

Manufacturing and Engineering (MEM 2.1) & Metal and Engine		I) Training Fackage Onits of Competency	
Core MEM13015Work safely and effectively in manufacturing and engineering MEMPE006A Undertake a basic engineering project MEMPE005A Develop a career plan for the engineering and manufacturing industry	MEM11011Undertak MEM12024Perform (MEM18001Use hand MEM18002Use pow MEM16008Interact v MEM07032Use work MEMPE001AUse en MEMPE002AUse ele	•	
Students may apply for Recognition of Prior Learning (RPL) and /	or credit transfer bef	efore delivery, provided suitable evidence is submitted.	
Pathways to Industry - Skills gained in this course transfer to oth	er occupations		
This qualification provides a pathway to the primary trades in the manufacturing industry.	employment as engi	lefines entry-level skills and knowledge to assist workers entering gineering/manufacturing employees within the metal, ifacturing and associated industries.	
Examples of occupations in the business services industry:			
 Fitter machinist refrigeration and air cond mechanic 	 Fitter machinist refrigeration and air conditioning toolmaker maintenance fitter 		
Mandatory HSC Course Requirements :Students must complete either 120 indicative hours or 180 indicative hours of course work. Students who do not meet these requirements will be `N` determined as required by NESA. External Assessment (optional HSC examination for ATAR purposes) There is not an external assessment (optional HSC examination) for this course and this course does not contribute towards an ATAR.			
Competency-Based Assessment In this course you will work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent you must demonstrate to a qualified assessor the competency requirements for performance and knowledge of the unit of competency. Appeals and Complaints You may lodge a complaint or an appeal about a decision (including assessment decisions) by following the Appeals and Complaints Guidelines.			
Course Cost: Preliminary - \$xxx HSC - \$xxx – Refer to Subject Fee Sheet Refunds: Refund arrangements are on a pro-rata basis. School Specific equipment and associated requirements for students Please refer to your school refund policy			
A school-based traineeship is available in this course. For more information: <u>https://education.nsw.gov.au/public-schools/career-and-study-pathways/school-based-apprenticeships-and-traineeships</u>			
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			
2024 Manufacturing and Engineering (Introduction) Course Descriptor MEM 210119 Certificate I in Engineering + Statement of Attainment towards MEM20413 Certificate II in Engineering (Pathways) RTO - Department of Education - 90333, 90222, 90072, 90162 Disclaimer: If you require accessible documents, please contact your VET Coordinator for support			

	2024 PRIMA	RY INDUSTRIES COURSE DESCRIPTOR	
Education	AHC20116 Certificate II in Agriculture Public Schools NSW, Tamworth RTO 90162		
		n Standards Authority (NESA) updates. Notification of variations will be made in ue time	
Course: Primary Industries Board Developed Course (240	2 or 4 Preliminary and/or HSC units in total Category B for Australian Tertiary Admission Rank (ATAR)		
		TO 90162 you are choosing to participate in a program of study that will provide	
•		ation. To receive this AQF VET qualification, you must meet the assessment	
	Certificate II in Agriculture (Release 7) <u>https:/</u> complete all requirements relevant to the HSC	C and adhere to the requirements of NESA. This course is accredited for the HSC	
		vocational training. This is known as dual accreditation. To gain a full qualification,	
		s the qualification is possible if at least one unit of competency is achieved.	
Recommended Entry Requi			
		essed for learning support (eg LLN Robot) before the commencement of any	
		k before enrolling in this qualification and be work ready before work placement. Itural environment. They should be able to use a personal digital device including	
a personal computer or laptop			
		aining Package (AHC - 7.1) Units of Competency	
Core		Optional Clusters – remove the clusters you are not delivering please refer to	
AHCWHS201 Participate in w AHCWRK204 Work effectivel	vork health and safety processes	the TAS	
	environmentally sustainable work practices.	AHCMOM202 Operate tractors	
Electives		AHCMOM304 Operate machinery and equipment	
AHCWRK205 Participate in w		AHCLSK211 Provide feed for livestock	
AHCWRK201 Observe and re AHCPMG201 Treat weeds	eport on weather	AHCLSK209 Monitor water supplies	
AHCCHM201 Apply chemical	ls under supervision	AHCINF202 Install, maintain and repair farm fencing AHCINF201 Carry out basic electric fencing operations	
	ot delivering either Healthy Livestock or	AHCNSY203 Undertake propagation activities	
Healthy Plants.		AHCNSY201 Pot up plants	
Healthy Livestock AHCLSK202 Care for health	and welfare of livestock	AHCSOL202 Assist with soil or growing media sampling and testing	
AHCLSK205 Handle livestock		AHCLSK316 Prepare livestock for competition AHCBIO201 Inspect and clean machinery for plant, animal and soil	
AHCLSK206 Identify and man	rk livestock		
AHCLSK204 Carry out regula	ar livestock observations		
OR Healthy Plants			
AHCPMG202 Treat plant pes	sts, diseases and disorders	Refer to the TAS	
AHCNSY202 Care for nurse		<u>Remove units if not qualified to deliver</u> Delete all writing in red and the clusters you do not deliver.	
AHCPCM201 Recognise plan			
		sfer before delivery, provided suitable evidence is submitted.	
Pathways to Industry - Skills gained in this course transfer to other occupations This qualification provides a general vocational outcome in agriculture. The qualification enables individuals to select a livestock production, plant or livestock			
context as a job focus. Examples of occupations in the	agricultural industry:		
 farm or station hand/ 	,		
shearing hand Mandatory HSC Course Requ	livestock wor	er er assistant animal attendant/stockperson	
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 primary industries 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 students in this course work to develop the competencies, skills and knowledge described by each unit of competency instead above. To be assessed as competency 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 trainer.			
Course Cost: Preliminary - \$xxxx HSC - \$xxxx Refer to Subject Fee Sheet Refunds School Specific equipment and associate requirements for students Refund Arrangements on a pro-rata basis.			
A school-based traineeship is available in this course, for more information: <u>https://education.nsw.gov.au/public-schools/career-and-study-pathways/school-based-apprenticeships-and-traineeships</u>			
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			
2023 Course Descriptor AHC20116 Certificate II in Agriculture Public Schools NSW, Tamworth RTO 90162 V1.2 Updated March 2022			
Disclaimer: If you require accessible documents, please contact your VET coordinator for support			



2024 Sport Coaching Course Descriptor SIS30521 Certificate III in Sport Coaching - Department of Education - 90333, 90222, 90072, 901

RTO - Department of Education - 90333, 90222, 90072, 90162				
This information may change due to Training Package and NSW Education Standards Authority (NESA) updates. Notification of variations will be made in due time with minimal disruption or disadvantage.				
		2 or 4 Preliminary and/or HSC units in total Does not contribute towards the Australian Tertiary Admission Rank (ATAR)		
By enrolling in this VET qualification with Public Schools NSW RTOs, you are choosing to participate in a program of study which will provide you a pathway towards HSC accreditation and a nationally recognised qualification (dual accreditation). To receive this VET qualification, you must meet the assessment requirements of SIS30521 Certificate III in Sport Coaching https://training.gov.au/Training/Details/SIS30521 . You will be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. To gain this full qualification, you must achieve 10 units of competency. A statement of attainment towards the qualification is possible if at least one unit of competency is achieved.				
commencement of any training	and assessment. HSC: All My Own Wor	d be assessed for learning support (eg LLN Robot) before the rk must be completed before enrolling in this qualification. When selecting fronment and be able to use a personal digital device including a personal		
Sport, Fitness and Recreation	on Training Package (SIS 5.2) Units	of Competency		
	munity coaching role nprove coaching skills and ge	ElectiveSISSSC0012Coach sport participants up to an intermediate levelSISXIND006Conduct sport, fitness and recreation eventSISXCAI009Instruct strength and conditioning techniquesSISSSOF002Continuously improve officiating skills and knowledgeSISXDIS001Facilitate inclusion for people with a disabilityTrainer to delete the units of competency above that will not bedelivered as an elective in cluster 3 to be delivered.Refer to the Training and Assessment Strategy (TAS) for the qualification packaging rules.		
Students may apply for Recog	nition of Prior Learning (RPL) and /or cre	dit transfer before delivery, provided suitable evidence is submitted.		
Pathways to Industry - Skills	gained in this course transfer to othe	r occupations		
 Working within the sport coach possess a range of well-de judgement are required 	ing industry eveloped skills where discretion and	 teamwork and communication applying skills and knowledge to coach participants to an intermediate level in a specific sport 		
Examples of occupations in the Sport Coaching Industry This qualification provides a pathway to work in community coaching roles working or volunteering at community-based sport clubs and organisations in the Australian sport industry. The skills in this qualification must be applied in accordance with Commonwealth and State or Territory legislation, Australian standards and industry codes of practice. Specific industry accreditation requirements may apply to sport-specific coaching accreditation and information should be obtained from the relevant National Sporting Organisation (NSO).				
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. You should be work ready before work placement. External Assessment There is not an external assessment (optional HSC examination) for this course and this course does not contribute towards an ATAR.				
Competency-Based Assessment In this course you will work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent you must demonstrate to a qualified assessor the competency requirements for performance and knowledge of the unit of competency. Appeals and Complaints You may lodge a complaint or an appeal about a decision (including assessment decisions) by following the Appeals and Complaints Guidelines.				
Course Cost: nil See Course Cost Document.		Refunds: Refund Arrangements on a pro-rata basis. Please refer to your school refund policy		
A school-based traineeship is available in this course, for more information: <u>https://education.nsw.gov.au/public-schools/career-and-study-pathways/school-based-apprenticeships-and-traineeships</u>				
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				
2024 Course Descriptor SIS30521 Certificate III in Sport Coaching RTO - Department of Education - 90333, 90222, 90072, 90162 Version 0.13 Disclaimer: If you require accessible documents, please contact your VET Coordinator for support				

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