



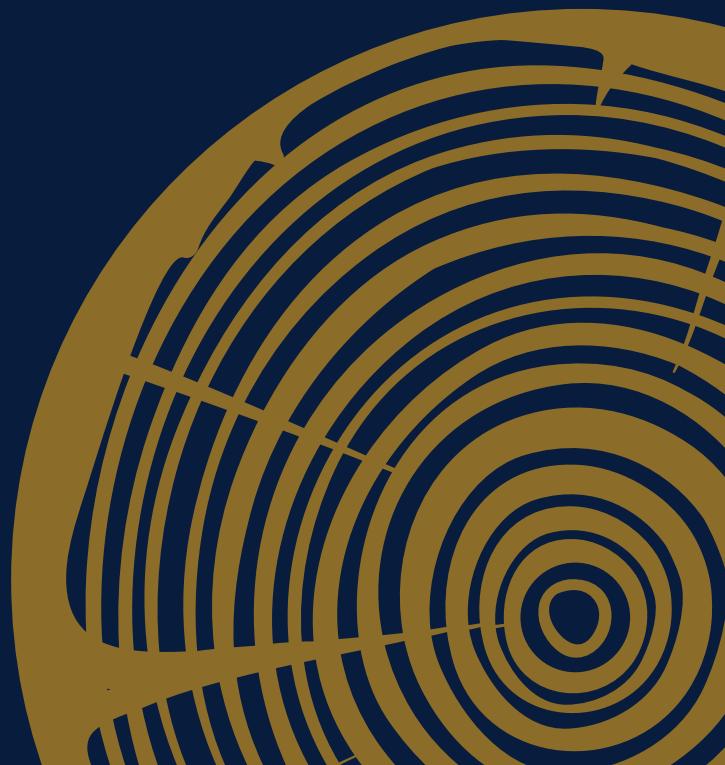
**CALLAGHAN
COLLEGE**

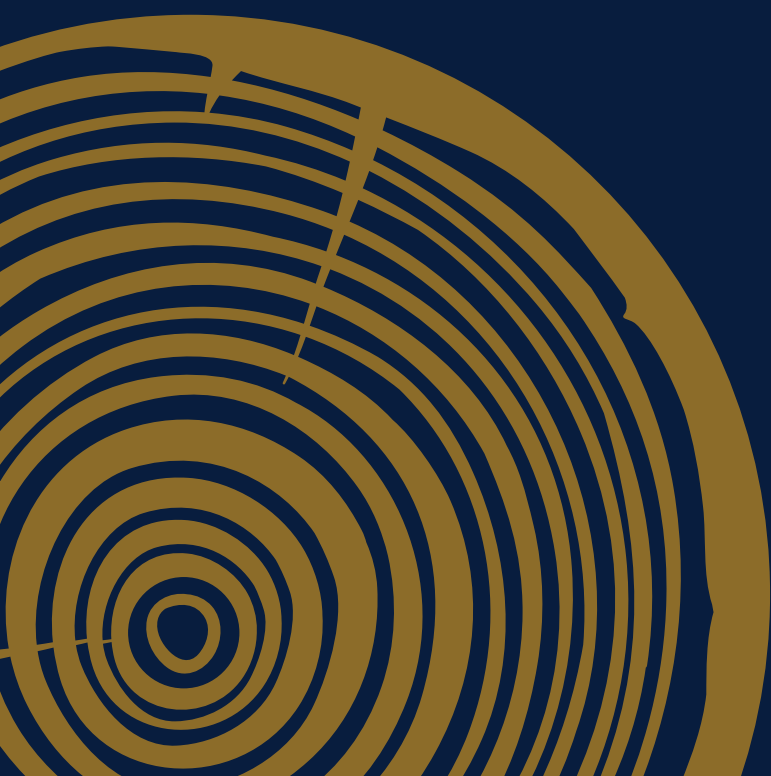
Jesmond Senior Campus

SUBJECT SELECTION GUIDE

2026-2027

SENIOR LEARNING AT CALLAGHAN COLLEGE





CALLAGHAN COLLEGE JESMOND SENIOR CAMPUS

WELCOME

Dear Parents, Caregivers and Students,

Continuation of schooling into stage 6, Year 11 and 12, enables you to leave school as a more mature person with a greater choice of employment, education and training options available to you.

Students are the drivers of their future direction and therefore need to be as well informed and give as much thought as possible, to their own future pathway. This booklet is part of this decision-making process, focusing specifically on subject selection.

In the following pages, you will find information about the HSC and its structure, together with a wide range of possible course options and student pathways, covering the interests and abilities of all students.

The range of courses available at Jesmond Senior Campus is the greatest of any school in the Newcastle region. This booklet provides a summary of the courses available, what is involved in each subject, as well as a variety of pathways for students, regardless of their future aspiration. The primary guiding principle for course selection should be your capacity to succeed. When choosing courses, students should pick subjects they are passionate about; consider their overall workload, including major works and assessment requirements; and have honest expectations for themselves if choosing higher levels of Mathematics, Science and English.

To be successful in year 11 and 12, students must be prepared to make a genuine commitment to study and maintain high levels of attendance, recognising that they will need to achieve an appropriate balance in their lives between study commitments, part-time work, family life, social life and leisure activities.

Year 11 and 12 is one of the most demanding and important phases of your education and has significant implications for your future career and development as a young adult. When making your course selection, my best advice to achieve success is to select courses that you are interested in, enjoy, are capable at, and align with your future ambitions.

I look forward to you joining our learning community in 2026.

Peter Riley
Principal Jesmond Senior Campus



SUBJECT SELECTION PROCESS

Year 10 students will make their initial course selections in an interview at Jesmond Senior Campus in Term 3, Week 5, 2025. Note that while many courses are offered initially, they may not all run in 2026. This is due to a number of factors, including the final number of students choosing each course, the possibility that some chosen classes may run at the same time and therefore only one can be chosen, and other timetabling factors.

As such, it is important that students consider reserve subjects as well as their main choices, when making selections. Final subjects available will be officially confirmed in Term 1, Week 3 when 2026 student enrolments are finalised.

KEY DATES:

- Subject Selection Talks - Weeks 6 & 7
- Subject Selection Expo Night Monday 16th June
- Orientation 1 - Term 3 Week 4
- Subject Selection Interviews - Term 3 week 5
- Orientation 2 - Term 4 Week 7
- Final courses confirmed - Term 1 Week 3, 2026

JESMOND SENIOR CAMPUS

Callaghan College Jesmond Senior Campus provides students in Year 11 and 12 with a range of wonderful opportunities.

Our campus values of commitment, opportunity, respect and excellence are core to our teaching and learning practices each and every day.

At Jesmond Senior Campus, students can choose from the broadest range of electives and vocational programs in Newcastle, Lake Macquarie and the Hunter region.

Our programs are personalised to ensure that we are capable of meeting a range of student needs in an inclusive, innovative 21st century learning environment.

Our school is a high expectations senior learning environment of quality teaching and learning, providing students with exceptional support throughout their studies.

INCLUSIVE SUPPORT AND RELATIONSHIPS

- Active Student Representative Forum (SRF)
- High expectations on student attendance
- Wellbeing programs for students and staff
- Inclusive practices and policies to ensure equity for all students
- Counselling and other wellbeing services available onsite
- Comprehensive transition program for Year 10 students
- Student peer-to-peer tutoring program
- Full calendar of events including celebrations for NAIDOC, Multicultural Week and Education Week
- Year 12 Formal Assembly and Formal where students and staff celebrate the completion of high school learning

QUALITY TEACHING

- Greatest choice of HSC curriculum on offer
- All our teachers are experts in senior curriculum
- Learning environment is well supported by comprehensive technology systems
- Professional development regularly held on campus and across Callaghan College, ensuring staff are highly proficient in curriculum knowledge and classroom practice



- Inspire pathway program for high achievers
- Vocational Education and Learning (VET) available
- New scheme teacher program to encourage new graduates.

MODERN LEARNING ENVIRONMENT

- Comprehensive timetable of more than 50 courses
- Modern learning spaces, including new Creative and Performing Arts Centre and Auditorium with multiple purpose facilities including sport, dance studio, blackbox theatre and sound proof recording studios
- Fully furnished technical learning spaces, including commercial kitchens and industrial arts centre
- Superior theatre production facilities that are student-operated for school and community events
- Onsite sporting fields and large undercover courts for all weather learning activities and competitions
- Work, Health and Safety (WH&S) adherence
- Leading technology systems for 24-hour access to learning and administration resources, including Canvas, Sentral, Sharepoint and Schoolbytes as well as technical software for specialist subjects.

This guide contains information on the general organisation and structure for Years 11 and 12.

It is intended that you use this to identify your future pathway and select an appropriate pattern of study, read all the information carefully and discuss your choices with your parents and teachers.

PATHWAYS

When choosing your subjects it is important to consider your future career or pathway to ensure that your program of study aligns with your goals and aspirations. To assist students with making the right subject choices Callaghan College has devised the following pathways:

ASPIRE ATAR

- An extension of the Stage 4/5 Aspire program at the junior campuses.
- For highly motivated students looking to thrive in their studies and require a high level ATAR to access their desired University course.
- Offers an outreach program with tutorial sessions outside regular class hours.
- Ideal for students considering extension subjects.
- Features academic immersion through day excursions.
- Provides internal support for early entries and external testing opportunities, including UCAT, GMSAT, and LAT.
- Assists with attending university open days and information seminars.
- Offers support for alternative or overseas university entrance exams.
- Provides advice on subject packaging.
- Content endorsed courses (CECs) are not permitted in pattern of study.

UNIVERSITY ATAR

- Designed for students pursuing a university ATAR pathway.
- Students are encouraged to participate in outreach program tutorial sessions.
- Provides support to attend university open days and information seminars.
- Offers assistance with applying for early entry.
- Content endorsed courses (CECs) are not permitted in pattern of study.

HSC ATAR or Non-ATAR

- Flexible approach to attaining the Higher School Certificate.
- Students have the option to choose from a variety of course combinations.
- Requirement to study a minimum of three Board Developed Courses (BDCs).
- Opportunities are available to complete a School-Based Apprenticeship and Training (SBAT).
- Students may enrol in Certificate III level courses, which can contribute to an ATAR equivalent achievement.
- Subject packaging advice is provided to support students in their course selections.

IBL Non-ATAR

- Industry Based Learning – School-based apprenticeships or traineeships are included as part of the study load.
- Students must complete at least one week of work experience in their chosen field before proceeding with the SBAT qualification.
- Students work towards attaining a Certificate II or III in their chosen vocation.
- Tailored subject packaging advice is provided.
- Students have the option to select a reduced course load.
- Students are working towards the attainment of a Higher School Certificate (HSC).

FAST TRACK Non-ATAR

- Fast track to employment is specifically designed to support students preparing to enter the workforce.
- Provides intensive support to enhance employability skills, with a focus on literacy and numeracy for work.
- Offers tailored subject packaging advice.
- Students will undertake vocational training.
- Students will be offered work experience opportunities.
- Available as a full-time or part time option.
- Students will work towards attaining a Record of School Achievement (RoSA) certificate and full-time employment goals.

IGNITE ENGLISH ATAR or Non-ATAR

- This pathway provides intensive support to EAL/D students identified at the beginning or emerging phases of the EAL/D learning progression.
- Recommended study pattern includes enrolment in Saturday Language Continuers School or distance education.
- Tailored subject packaging advice is provided.
- Year 1: Students will undertake intensive literacy and numeracy lessons.
- Year 2: Students will work towards their preliminary Record of School Achievement (RoSA).
- Year 3: Students will work towards their Higher School Certificate (HSC).

STAGE 6 CURRICULUM AND ELIGIBILITY

TO QUALIFY FOR A HSC STUDENTS MUST COMPLETE:

- A minimum of 22 units in their Pattern of Study: 12 x Year 11 units and 10 x Year 12 units
- A minimum of 6 units of Board Developed Courses in each year.
- A minimum of 2 units of a Board Developed Course in English in each year.
- No more than 6 x Year 11 units and 7 x Year 12 units from science courses

TO QUALIFY FOR A HSC AND BE ELIGIBLE FOR AN ATAR STUDENTS MUST COMPLETE:

- A minimum of 10 units of Board Developed Courses (BDC)
- A minimum of 2 units of an BDC English course
- A minimum of four (4) subjects, three (3) x BDC of 2 units or greater

ATAR

ATAR stands for Australian Tertiary Admission Rank. The ATAR provides a measure of a student's overall academic achievements in relation to that of other students in the cohort and helps universities to rank applicants into their courses.

To be eligible for an ATAR a student must complete at least ten units of Board Developed courses including at least two units of English.

Calculation of the ATAR The ATAR will be based on an aggregate of the scaled marks in the best ten units of Board Developed courses comprising:

- the best two units of English.
- the best eight units from the remaining units,

HSC ALL MY OWN WORK

The HSC: All My Own Work program is designed to help HSC students to follow the principles and practices of good scholarship. This includes understanding and valuing ethical practices when locating and using information as part of their HSC studies.

All students need to complete the NESA, HSC: All My Own Work program prior to Term 1 of Year 11.

Students who enrol at Jesmond Campus at the start of the Year 11 or HSC Course and have not completed the program are required to complete it by the date prescribed on the NESA.

HSC MINIMUM STANDARDS

To receive the Higher School Certificate (HSC) in NSW, students must demonstrate a minimum standard of literacy and numeracy through short, online tests in reading, writing, and numeracy. Specifically, they need to achieve Level 3 in each of these tests, which aligns with the Australian Core Skills Framework (ACSF).

This indicates the level of skills needed for everyday life, work, and further study. These will be conducted throughout year 10 prior attending the senior campus.

CURRICULUM PROFICIENCY ASSESSMENT

Students wishing to study high-level academic HSC courses, such as Advanced and Extension subjects, will be required to complete Curriculum Proficiency Assessments in Year 10. These assessments will help Jesmond Campus assess each student's suitability for specific courses and provide appropriate recommendations for their final HSC program of study.

Curriculum Proficiency Assessments will be available in the following subjects:

Advanced English
Advanced Mathematics
Advanced Sciences (Physics and Chemistry)

WHAT TYPES OF COURSES CAN I SELECT?

There are THREE different types of courses that you can select in Years 11 and 12.

Board Developed Courses (BDC)

Most of the courses available at Callaghan College Jesmond are Board Developed Courses. These courses are developed by NSW Education Standards Authority (NESA), are examined externally at the end of the HSC course and can count towards the calculation of the Australian Tertiary Admission Rank (ATAR).

Some Board Developed Courses have an optional examination. You can include as many of these courses as you wish for the HSC and ATAR provided you have an English course included in your program.

Content Endorsed Courses (CEC)

These are courses that do not have an external exam and, therefore, do not count to a student's ATAR. Students usually choose these Content Endorsed Courses out of interest, because they may be linked to a possible career, or to simply broaden their education.

These courses place a greater emphasis on practical work and practical skill development than Board Developed Courses. All Content Endorsed Courses count towards the HSC and appear on your Record of Achievement, however they do not count in the calculation of the ATAR.

Vocational Education and Training Courses (VET)

VET courses are offered as part of the HSC. They enable students to study courses that are relevant to industry needs and have clear links to post-school destinations.

These courses allow students to gain both HSC qualifications and accreditation with industry and the workplace. They each have a specific workplace component and a minimum number of hours students spend in the workplace or a simulated workplace at school. Students gain a statement of attainment or a certificate qualification on completion. Students can sit an optional written examination to be used in their ATAR calculation.

CATEGORIES OF COURSES OFFERED AS PART OF THE HSC	
BOARD DEVELOPED COURSES (COMPULSARY EXAMINATION)	<ul style="list-style-type: none"> Formal external HSC exam at the end of Year 12 Final HSC mark is calculated using 50:50 combination of a student's exam mark and school-based assessment mark Provide a good grounding for university study A minimum of 8 units from this category, in both Year 11 and 12 are required to be eligible for an ATAR
BOARD DEVELOPED COURSES (OPTIONAL EXAMINATION)	<ul style="list-style-type: none"> These courses can contribute to an ATAR if the optional formal external exam is completed at the end of Year 12
BOARD ENDORSED COURSES	<ul style="list-style-type: none"> Count towards the HSC but not an ATAR. Do not have a formal external exam at the end of Year 12 Assessed by in-school assessment tasks A mark is provided to NESA by the school based entirely on the student's work and efforts in the course
EVET COURSES DELIVERED BY OTHER RTOs Applied for separately through the EVET Tool. Students can study only one EVET course.	<ul style="list-style-type: none"> Can be Board Developed or Board Endorsed
LIFE SKILLS COURSES	<ul style="list-style-type: none"> Count towards the HSC but not an ATAR Do not have a formal external exam at the end of Year 12 Provide a curriculum option for students with special education needs and for whom the regular outcomes and content of BD and BE courses are not appropriate

SCHOOL CONTRIBUTIONS

We are excited to offer a school that provides an incredibly wide range of opportunity for students.

Whilst the school receives general government funding to run courses at a basic curriculum level, our courses attract additional contributions to provide resources and programs for all of our students. Some specialised subjects also have a course specific contribution required to supplement extra materials, resources and excursions associated with the course. These are listed at the bottom of each course description.

The \$300 Preliminary Package includes:

- Elevate Education Study Skills Program
- Access to online Educational Platforms (Sentral, Canvas)
- Course & Careers support through the Hive Study Centre and the library
- Technology resources for each student
- General course consumables
- Student ID Swipe Card
- Learning Conference and Wellbeing seminars
- Transition to work / further study support
- Parent communications and information programs
- Careers Expo
- University Open day
- VOLUNTARY – Services & General Equipment Charge \$50.00. This is the amount the school asks parents to voluntarily contribute for each child. Income from this source provides resources for student use beyond that available from the government.

Courses with additional contribution requirements are listed below –

Sport, Lifestyle and Recreation (Year 11)	\$40
Sport, Lifestyle and Recreation (Year 12)	\$60
Food Technology	\$40
Hospitality – Food & Beverage	\$100
Hospitality – Cookery	\$100
Industrial Technology –	
Graphics Technologies	\$40
Metals & Engineering Technologies	\$40
Timber & Furniture Technologies	\$40
Textiles & Design	\$40

BOARD DEVELOPED (BDC) COMPULSORY HSC EXAMINATION	BOARD DEVELOPED (BDC) OPTIONAL HSC EXAMINATION	CONTENT ENDORSED (CEC) NO HSC EXAMINATION
All courses are 2 units x 2 years, except where noted otherwise		
AT SCHOOL	AT SCHOOL	AT SCHOOL
English Advanced English Extension 1* English Standard English EAL/D English Studies Mathematics Advanced Mathematics Extension1* Mathematics Standard Software Engineering Enterprise Computing Biology Chemistry Earth and Environmental Science Investigating Science Physics Aboriginal Studies Ancient History Business Studies Economics Geography History Extension* Legal Studies Modern History Society and Culture Studies of Religion II French Beginners German Beginners Community and Family Studies Health and Movement Science Engineering Studies Food Technology Industrial Technology - Graphics Industrial Technology - Metal Industrial Technology - Timber Textiles and Design Dance Drama Music 1 Visual Arts * One unit courses	English Studies Mathematics Standard – Maths in Trade Business Services (VET) Construction (VET) Construction Accelerated (VET) Entertainment Industry (VET) Information and Digital Technology (VET) Hospitality (VET) <ul style="list-style-type: none"> Food & Beverage Kitchen Operations and Cookery Hospitality Accelerated (VET) Manufacturing and Engineering (VET) Retail Services (VET)	Exploring Early Childhood Furniture (VET) Literacy (EAL/D) Mathematics Numeracy Mathematics Numeracy (EAL/D) Music Industry (VET) Photography, Video and Digital Imaging Sport, Lifestyle and Recreation (SLR) Sport Coaching (VET) Sport Coaching Accelerated (VET) Visual Design Work Studies Work Studies (EAL/D) Work Studies (Aboriginal History & Culture)
	AT HUNTER TAFE CAMPUSES Externally delivered VET courses by application only.	
	Automotive Vocational Preparation <ul style="list-style-type: none"> Mechanical Technology Vehicle Body Electrotechnology Electrotechnology Career Start Human Services – Individual Support (Ageing) Primary Industries <ul style="list-style-type: none"> Agriculture (Equine Focus) Conservation and Land Management Horticulture 	Animal Studies Aeroskills Beauty Services – Make Up Community Services – Welfare Community Services Introduction Design Fundamentals Early Childhood Education and Care Outdoor Recreation Screen and Media <ul style="list-style-type: none"> Animation Broadcasting Journalism TV and Film Sport and Recreation Theatre and Screen Performance Tourism Design Fundamentals
		DELIVERED AT SCHOOL BY HUNTER TAFE Salon Assistant (Hairdressing)

LIFE SKILLS COURSES

Students with special education needs which prevent them from successfully accessing regular courses are eligible to study Life Skills courses. Students accessing Life Skills courses can qualify for and achieve an HSC credential. There are no external HSC examinations for Stage 6 Life Skill courses and Life Skills courses do not contribute to an ATAR.

The school offers a range of Life Skill courses. Course availability is dependent on staffing and the number of students selecting the particular course. There are some discrete Life Skill classes, while other students undertaking Life Skills courses are integrated into regular classes.

Life Skills syllabuses are followed to help students achieve outcomes appropriate to their identified needs.

Placement into Life Skills courses is ONLY made through an interview with the Head Teacher Student Services.

Students in a support class in the Special Education faculty are placed by a regional panel. Course selection for these students is made at an interview with the Special Education faculty.

LIFE SKILLS AVAILABLE COURSES	
<p>English Life Skills</p> <p>Mathematics Life Skills</p> <p>Science Life Skills</p> <p>Work and the Community Life Skills</p> <p>Science Life Skills</p> <ul style="list-style-type: none">• Earth and Space Science Life Skills• Investigating Science Life Skills• Living World Science Life Skills• Physical World Science Life Skills <p>Human Society and its Environment Life Skills</p> <ul style="list-style-type: none">• Aboriginal Studies Life Skills• Ancient History Life Skills• Business and Economics Life Skills• Geography Life Skills• Modern History Life Skills• Society and Culture Life Skills• Studies of Religion I and II Life Skills	<p>PDHPE Life Skills</p> <p>Community and Family Studies Life Skills</p> <p>Creative Arts Life Skills</p> <ul style="list-style-type: none">• Dance Life Skills• Drama Life Skills• Music Life Skills• Visual Arts Life Skills <p>Technology Life Skills</p> <ul style="list-style-type: none">• Agriculture Life Skills• Design and Technology Life Skills• Food Technology Life Skills• Industrial Technology Life Skills• Information Processes and Technology Life Skills• Textiles and Design Life Skills

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ENGLISH

An understanding of the English language is central to how we communicate and is essential for intellectual, social and emotional development.

The study of English can develop a love of literature and learning and be challenging and enjoyable. It develops skills to enable students to experiment with ideas and expression, to become active, independent, and lifelong learners, to work with each other and to reflect on their learning.

For many students, English will be more important as a life skill and as a necessary part of their working lives. We believe in the importance of communication skills for everyone, regardless of their career choice and as a vital part of our everyday personal lives.

FACILITIES

Classes generally take place in B Block which is an open and flexible learning space with a breakout area which provides lots of space for collaborative learning. The English Faculty also has a book room with an extensive collection of novels, plays and poetry collections for students to access.

EXTRA CURRICULAR ACTIVITIES

If you are a keen English student, we provide the opportunity for any student to get involved in the Lions Youth of the Year competition. This is a Public Speaking competition which occurs every year and involves students developing a speech on a topical issue of their choice. Students also must respond to a question on the day to assess their ability to 'think on their feet.'

HEAD TEACHER

Ms Barbara Davis

COURSES ON OFFER

ENGLISH ADVANCED

ENGLISH STANDARD

ENGLISH EXTENSION 1

ENGLISH EXTENSION 2

ENGLISH STUDIES

ENGLISH EAL/D

For more information on English courses, visit the NESA website via the QR code below -



ENGLISH ADVANCED

FACULTY English	UNITS 2
TYPE Board Developed Course	ATAR

The English Advanced 11–12 Syllabus is designed for students who have a particular interest and ability in a subject that will enrich their personal, intellectual, academic, social and vocational lives. Students appreciate, analyse, evaluate and respond imaginatively and critically to literary texts drawn from a range of contexts and cultures, including literature from the past and present and from Australia. They study challenging written, spoken, visual, multimodal and digital texts that represent and reflect a changing world.

Students extend and deepen their ability to use language in nuanced, inventive and complex ways to express experiences, ideas and perspectives. They refine their understanding of the relationship between language, texts, context and meaning. Students extend their experiences in researching, accessing, evaluating and synthesising information and perspectives from a range of sources to fulfil a variety of purposes.

PREFERRED PRE-REQUISITES

It is highly recommended students complete the Advanced English Curriculum Proficiency Assessment. This course requires extensive reading, writing and research and is only recommended for students who receive an A or high B in their Year 10 English ROSA grade.

COURSE DESCRIPTION

Year 11 Topics

- Common Module: Reading to Write
- Module A: Narratives that Shape our World
- Module B: Critical Study of Literature

Year 12 Topics

- Common Module: Texts and Human Experiences
- Module A: Textual Conversations,
- Module B: Critical Study of Literature
- Module C: The Craft of Writing

HSC EXAMINATION REQUIREMENTS

The examination will consist of 2 written papers worth 100 marks in total.

- **Paper 1:** Texts and human experiences 40 marks
- Time allowed: 1 hour and 30 minutes plus 10 minutes reading time.
 - Short answer and one essay question.
- **Paper 2:** Textual conversations, Critical study of literature, and The Craft of Writing 60 marks
- Time allowed: 2 hours plus 5 minutes reading time.
 - Two essays and an imaginative, discursive, persuasive and/or reflective response.

ENGLISH STANDARD

FACULTY English	UNITS 2
TYPE Board Developed Course	ATAR

The English Standard 11–12 Syllabus provides students who have a diverse range of literacy skills with the opportunity to analyse, study and enjoy a breadth and variety of English texts to become confident and effective communicators.

Students engage with texts that include quality literature from the past, and contemporary texts from Australia and other cultures. They explore language forms, features and structures of texts in a range of academic, personal, social, cultural, historical and workplace contexts. Students study, analyse, respond to and compose texts to broaden their perspectives, access information and assess the reliability of representations. They synthesise the knowledge developed from a range of texts to fulfil a variety of purposes. Understanding and responding to texts provides students with opportunities to appreciate the imaginative and the affective domains, and to recognise the ways texts convey, interpret, question and reflect opinions and perspectives.

PRE-REQUISITES

There are no pre-requisites for this course, however this course requires significant levels of essay writing. We recommend students who receive an B or C in their Year 10 English ROSA grade as most suitable for this course.

Unless you are highly organised, we do not recommend this course for students undertaking a SBAT or TAFE course due to the amount of class time you will miss undertaking these courses.

COURSE DESCRIPTION

Year 11 Topics

- Reading to write: Transition to English Standard
- Contemporary possibilities
- Close study of literature

Year 12 Topics

- Texts and human experiences
- Language, identity and culture
- Close study of literature
- The craft of writing

HSC EXAMINATION REQUIREMENTS

The examination will consist of 2 written papers worth 100 marks in total.

- **Paper 1:** Texts and human experiences 40 marks, 1.5 hours.
 - Short-answer questions and extended response based on the student's prescribed text.
- **Paper 2:** Language, identity and culture, Close study of literature, and The Craft of Writing 60 marks, 2 hours.
 - Two essay question and an imaginative, discursive, persuasive and/or reflective response.

ENGLISH EXTENSION 1

FACULTY English	UNITS 1
TYPE Board Developed Course	ATAR

The English Extension 1 Syllabus provides students who undertake English Advanced with the opportunity to extend their use of language and self-expression in critical and creative ways. Through engaging with increasingly complex concepts from a range of literary contexts, students refine their understanding and appreciation of literature as the expression and construction of culture.

Students independently pursue areas of interest with complex texts that challenge them to think critically and creatively about the way literature shapes and reflects the world. They learn to use research methodology to undertake investigation in English and develop extended compositions. Throughout the course, students explore and evaluate the meanings of texts and compare the value of texts. They investigate a range of conceptual contexts for the reading and composition of texts and explore and adopt a range of reading practices to develop awareness of the assumptions that guide interpretation and evaluation.

PRE-REQUISITES

Students must complete Extension 1 in Year 11 and Year 12. Students must be also studying Advanced English to choose this subject.

This course is highly academic and requires significant amounts of reading and research. We recommend students who receive an A in their Year 10 English ROSA grade as most suitable for this course.

COURSE DESCRIPTION

Year 11 Topics

- Texts, culture and value (and a Related Extensive Research project)

Year 12 Topics

- Literary worlds (Common Module)
- Natural Worlds (Elective Module)

HSC EXAMINATION REQUIREMENTS

Note: English is an Online Examination and will be undertaken by students using a computer. It is expected that you will have touch typing skills.

The examination will be worth 50 marks.

The paper will be 2 hours and will consist of 2 questions.

Question 1 – Literary worlds (25 marks)

- The question will require a response to stimulus and/or unseen material.

Question 2 – Electives (25 marks)

- Students will be required to answer one question based on their elective.

ENGLISH EXTENSION 2

FACULTY English	UNITS 1
TYPE Board Developed Course	ATAR

The course is designed for students with a passionate interest in literature and a desire to pursue a specialised study of English. The English Extension 2 Syllabus enables students who are accomplished English users to extend their conceptual understanding of the ways literature is read and written by encouraging them to consider their authorial role as they embark on their Major work. Students create a substantial and original Major work that extends the knowledge, understanding and skills they have developed throughout their entire study of English.

Through their engagement with a range of literary texts in the Author and Authority Module, students deepen their understanding of the innovative and insightful ways that experimentation with and exploration of form, style and media can express complex concepts and values.

PRE-REQUISITES

Students only complete Extension 2 in Year 12.

Extension 1 English is a prerequisite to complete Extension 2 in Year 12. Due to the academic complexity of this course, any student interested in studying this course in Year 12 must attend an entrance interview with the Head Teacher of English in Term 3 of Year 11 to enrol in this course.

COURSE DESCRIPTION

Year 12 Topics

- Author and authority
- Major work

HSC EXAMINATION REQUIREMENTS

Note: English is an Online Examination and will be undertaken by students using a computer. It is expected that you will have touch typing skills.

The HSC examination will consist of an online written exam worth 40 marks and a Major work worth 20 marks.

This examination will be undertaken by students using a computer.

The examination will be 1.5 hours and consist of two questions with a maximum of three items total.

- Question 1 – Author and authority (20 marks)
- Question 2 – Author study (20 marks)

ENGLISH STUDIES

FACULTY
EnglishUNITS
2TYPE
Board Developed Course

ATAR Optional

The English Studies 11–12 Syllabus supports students to refine their knowledge, understanding and skills in English and consolidate their literacy skills to enhance their personal, educational, social and vocational lives.

The syllabus is focused on the development of students' language, literacy and literary skills. It centres on empowering students to comprehend and interpret the ideas, values, language forms, features and structures of texts. They explore texts from a range of everyday, social, cultural, academic, community and workplace contexts. Students can refine their language skills through comprehensive and contemporary language experiences.

The English Studies 11–12 Syllabus provides students with opportunities to develop and appreciate critical and creative texts and to recognise how texts convey, interpret and reflect ways of thinking about themselves and the world. Students also strengthen their ability to access and comprehend information, to assess its reliability and to synthesise knowledge from a variety of sources.

PRE-REQUISITES

There are no pre-requisites for this course. We recommend the English Studies course for those students who find English challenging and have selected a more vocational pattern of study such as our Flexible HSC and Fast Track Options.

This course offers a more project-based learning approach and students are given extra support to develop their literacy skills in preparation for the world of work.

COURSE DESCRIPTION

Year 11 Topics

- Reading to write: Transition to English Studies
- Elective focus areas

Year 12 Topics

- Narrative and human experiences
- Writing for purpose
- Elective focus areas

HSC EXAMINATION REQUIREMENTS

There is no compulsory HSC external examination in English Studies 11–12. Students may choose to sit for an optional HSC examination. **Most students do not opt to complete this examination, and their HSC result is based on internal assessment.**

The examination will consist of one written paper worth 60 marks including both short answer and extended response.

UNIQUE FEATURES OF THIS COURSE

The English Studies 11–12 Syllabus aligns with the English Life Skills 11–12 Syllabus to provide opportunities for integrated delivery.

ENGLISH EAL/D

FACULTY
EnglishUNITS
2TYPE
Board Developed Course

ATAR

The English EAL/D 11–12 Syllabus is designed to support students learning English as an additional language or dialect whose first language is a language or dialect other than Standard Australian English and students whose first language is an Aboriginal or Torres Strait Islander Language, and Aboriginal and/or Torres Strait Islander students whose first language is Aboriginal English. Aboriginal Languages are unique to each Aboriginal Language Group and are in various stages of revival, revitalisation and maintenance. The course is designed to strengthen language knowledge and skills, provide an opportunity to develop students' intellectual, social and emotional development, and understand how meaning is shaped, conveyed, interpreted and reflected.

In English EAL/D 11–12, students have the opportunity to enjoy, analyse and respond to a range of English texts so they can become confident communicators in the integrated modes of reading, writing, speaking, listening, viewing and representing and to allow them to improve their English language skills. Students engage critically with a wide range of texts from diverse cultures, including multimodal and interactive texts. They engage critically with a range of texts from academic, personal, social, cultural, historical and workplace contexts.

PRE-REQUISITES

The English EAL/D course is **ONLY** for students who have been educated in English for 5 years or less, either in Australia or overseas. The eligibility rules for English EAL/D 11–12 are available on the NESA website. **If you think you may be eligible for this course, you will need to speak to your Year 10 EAL/D coordinator.**

COURSE DESCRIPTION

Year 11 Topics

- Reading to write: Transition to English EAL/D
- Texts and society
- Close study of text

Year 12 Topics

- Texts and human experiences
- Language, identity and culture
- Close study of text
- Writing

HSC EXAMINATION REQUIREMENTS

The examination will consist of 2 written papers worth 100 marks in total.

Paper 1: Texts and human experiences 40 marks, 1.5 hours.
Short answer and one extended response.

Paper 2: Language, identity and culture, Close study of text and Writing 60 marks 2 hours.
Two essays and one imaginative, discursive or persuasive response.

MATHEMATICS

By studying mathematics, students develop knowledge, skills and understanding of mathematical concepts and their use within the classroom and beyond.

Mathematics is a vital foundation in the development of knowledge in many other areas of learning, particular in STEM. To attain mastery in many professions and careers, a strong background in mathematics is essential. From a societal perspective, having a good grasp of maths is also important for everyday living skills.

Choosing a mathematics subject provides students with a sound foundation for students' future choices in tertiary education as well as everyday life.

EXTRA CURRICULAR ACTIVITIES

Students at Callaghan College Jesmond Campus have the opportunity to participate in a range of Mathematics activities that extend their skills outside of the classroom. Our campus regularly hosts Regional HSC Study Days and has many excellent links to the University of Newcastle.

HEAD TEACHER

Mr Neil Wright

COURSES ON OFFER

MATHEMATICS ADVANCED

MATHEMATICS STANDARD

MATHEMATICS EXTENSION 1

MATHEMATICS EXTENSION 2

NUMERACY

ENTERPRISE COMPUTING

SOFTWARE ENGINEERING

INFORMATION & DIGITAL
TECHNOLOGY (VET)

For more information on
Mathematics courses, visit the NESA
website via the QR code below -



MATHEMATICS ADVANCED

FACULTY Mathematics	UNITS 2
TYPE Board Developed Course	ATAR

This course is designed to provide a sufficient basis for university courses involving Calculus. It is best suited to those interested in future pathways which involve mathematics and its applications in a range of disciplines at the tertiary level.

Students are expected to be confident in their manipulation of a variety of algebraic expressions and processes, and competent in communicating their mathematical understanding using appropriate mathematical notations and reasoning.

PREFERRED PRE-REQUISITES

It is highly recommended students complete the Advanced Mathematics College Curriculum Proficiency Assessment. Mathematics Advanced is constructed on the assumption students have achieved outcomes from the core and paths. Students are expected to be both fluent and confident in their manipulation of a variety of algebraic expressions and processes. It is recommended for students who gained a RoSA grade of B8 or better.

COURSE DESCRIPTION

Year 11 Topics

- Functions: Working with Functions and Graph Transformations
- Trigonometric Functions: Trigonometry and Angle Measure, Trigonometric Identities and Equations.
- Calculus: Introduction to Differentiation
- Exponential and Logarithmic Functions: Exponential and Logarithmic Functions
- Statistical Analysis: Probability and Data

Year 12 Topics

- Functions: Further graph transformations and modelling
- Calculus: Differential Calculus, Integral Calculus & Applications of Calculus
- Sequences and Series: Sequences and Series
- Financial Mathematics: Financial Mathematics
- Statistical Analysis: Random Variables

HSC EXAMINATION REQUIREMENTS

Examination Paper (3 Hours)

Multiple Choice 10%

Short and Extended Response 90%

MATHEMATICS EXTENSION 1

FACULTY Mathematics	UNITS 1
TYPE Board Developed Course	ATAR

The content of this course, which includes the whole of the Mathematics Advanced course and its depth of treatment, is intended for students who have demonstrated a mastery of the skills of Stage 5 mathematics and who are interested in the study of further skills and ideas in mathematics.

The course is intended to give these students a thorough understanding of and competence in aspects of mathematics including many which are applicable to the real world. It has general educational merit and is also useful for concurrent studies of science, industrial arts and commerce.

PRE-REQUISITES

The course is constructed on the assumption that students have achieved the outcomes in the core of the Mathematics course in Year 10, along with the recommended options.

Students are expected to be confident in their manipulation of a variety of algebraic expressions and processes, and competent in communicating their mathematical understanding using appropriate mathematical notations and reasoning.

COURSE DESCRIPTION

Year 11 Topics

- Functions: Further Work with Functions, Polynomials
- Trigonometric Functions: Further trigonometry
- Combinatorics: Permutations and Combinations, The Binomial Theorem

Year 12 Topics

- Proof: Proof by Mathematical Induction
- Vectors: Introduction to Vectors
- Trigonometric Functions: Inverse Trigonometric Functions
- Calculus: Further Calculus skills, Further applications of Calculus
- Statistical Analysis: The binomial distribution and sampling distribution of the mean

HSC EXAMINATION REQUIREMENTS

- Examination Paper (Advanced: 3 Hours and Extension 1: 2 Hours – TOTAL: 5 Hours)
- Multiple Choice 10%
- Short and Extended Response 90%

MATHEMATICS EXTENSION 2

FACULTY Mathematics	UNITS 1
TYPE Board Developed Course	ATAR

The Mathematics Extension 2 Year 12 course has been developed assuming 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 course and the Mathematics Extension 1 Year 12 course, however they will only complete exams in Extension 1 and Extension 2.

PRE-REQUISITES

- Mathematics Advanced and Extension 1

COURSE DESCRIPTION

Year 12 Topics

- Proof: The nature of proof
- Vectors: Further work with vectors
- Complex Numbers: Introduction to complex numbers
- Calculus: Further integration
- Mechanics: Applications of calculus to mechanics

HSC EXAMINATION REQUIREMENTS

Examination Paper (Extension 2: 3Hours and Extension 1: 2Hours – TOTAL: 5 Hours)

Multiple Choice 10%

Short and Extended Response 90%

MATHEMATICS STANDARD

FACULTY **UNITS**
Mathematics 2

TYPE **ATAR**
Board Developed Course

The Mathematics Standard Year 11 course is a common course for all students focused on enabling students to use mathematics effectively, efficiently and critically to make informed decisions in their daily lives. It provides students with the opportunities to develop an understanding of, and competence in, aspects of mathematics through a large variety of real-world applications and to support a range of Year 12 subjects.

The Year 11 Mathematics Standard course is undertaken by all students intending to study either the HSC Mathematics Standard 2 course or the HSC Mathematics Standard 1 course.

PRE-REQUISITES

Mathematics Standard is designed for students who want to extend their skills beyond Stage 5 but are not seeking the in-depth knowledge of higher mathematics that the study of calculus would provide.

The Mathematics Standard course is recommended for students who gained a RoSA Grade of C5 or Above.

COURSE DESCRIPTION

Year 11 Topics

- Algebra: Formulas and Equations, Linear Relationships
- Financial Mathematics: Earning Money and Managing Money
- Measurement: Applications of Measurement, Time and Location
- Networks: Networks, paths and trees
- Statistics: Data Analysis

Year 12 Topics (Mathematics Standard 2)

- Algebra: Algebraic Relationships
- Financial Mathematics: Investments and Loans, Annuities
- Measurement: Trigonometry. Ratios and Rates
- Networks: Network flow, Critical Path Analysis
- Statistics: Bivariate Data Analysis, Relative Frequency and Probability, The Normal Distribution.

HSC EXAMINATION REQUIREMENTS

Examination Paper – 2.5 hours

Multiple Choice 15%

Short and Extended Response 85%

MATHEMATICS NUMERACY

FACULTY **UNITS**
Mathematics 2

TYPE **Non-ATAR**
Content Endorsed Course

Mathematics Numeracy provides students an opportunity to develop core numeracy skills and the application of these skills in everyday life.

The Numeracy course supports students to develop the functional numeracy skills required to become active and successful participants in society.

Students have the opportunity to develop these skills and apply them to situations in personal and community, workplace and employment, and education and training contexts.

This course offers students the opportunity to prepare for post-school options of employment or further training.

The study of Numeracy in Stage 6 enables students to build on existing numeracy skills and to develop and improve their capability to:

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

PRE-REQUISITES

There are no pre-requisites for this course.

COURSE DESCRIPTION

Year 11 Topics

Numeracy Year 11 course content comprises 2 modules. The modules are divided into content areas:

Module 1:

- 1: Whole numbers
- 2: Operations with whole numbers
- 3: Distance, area and volume
- 4: Time
- 5: Data, graphs and tables

Module 2:

- 1: Fractions and decimals
- 2: Operations with fractions and decimals
- 3: Metric relationships
- 4: Length, mass and capacity
- 5: Chance

Year 12 Topics

The Numeracy Year 12 course content comprises 2 modules. The modules are divided into content areas:

Module 3:

- 1: Percentages
- 2: Operations with numbers
- 3: Finance
- 4: Location, time and temperature
- 5: Space and design

Module 4:

- 1: Rates and ratios
- 2: Statistics and probability
- 3: Exploring with NRMT

HSC EXAMINATION REQUIREMENTS

Numeracy is a Content Endorsed Course and worth 2 units on a students timetable, however it can not be counted as 2 units towards the award of a HSC.

ENTERPRISE COMPUTING

FACULTY Mathematics	UNITS 2
TYPE Board Developed Course	ATAR

The study of Enterprise Computing 11-12 equips students with an understanding of digital tools and processes and the importance of data in enterprise information systems, allowing them to effectively use and manage technologies in various settings. Students are encouraged to develop an entrepreneurial mindset by working collaboratively and applying system, design, and computational thinking skills, ensuring they can contribute to a world reliant on digital systems.

The course covers topics such as interactive media, networking systems, cybersecurity, data science, data visualization, and intelligent systems. Students use their acquired knowledge and skills to develop an enterprise project, which encourages collaboration and the development of team and communication skills. The course also focuses on the responsible and ethical application of digital systems, and the application of appropriate standards in the development of solutions. Through this course, students engage with technologies that improve access and participation in computing technologies across a range of enterprises.

PRE-REQUISITES

There are no prerequisites for this course.

COURSE DESCRIPTION

Year 11 Topics

- Interactive Media and the User Experience
- Networking Systems and Social Computing
- Principles of Cybersecurity

Year 12 Topics

- Data Science
- Data Visualisation
- Intelligent Systems
- Enterprise

HSC EXAMINATION REQUIREMENTS

The examination will be worth 80 marks.
It will be undertaken by students using a computer.
The time allowed is 2 hours and 30 minutes.
Objective-response items (approx. 20 marks)
Short-answer items (approx. 60 marks)

SOFTWARE ENGINEERING

FACULTY Mathematics	UNITS 2
TYPE Board Developed Course	ATAR

The study of Software Engineering 11-12 provides students with a comprehensive understanding of software engineering as a facet of computer science. Through this course, students develop knowledge and skills in software engineering, hardware, software integration, and the development, implementation, and evaluation of computer programs. They learn to approach problem-solving systematically when designing and developing software solutions, which promotes a deeper understanding of fundamental concepts, programming languages, and innovative technologies.

In addition to programming fundamentals, the course covers topics such as mechatronics programming, secure software architecture, programming for the web, and software automation. Students apply their knowledge and skills to develop a software engineering project, which encourages collaboration and the development of team and communication skills. They also explore the impact of computing technology on society and the environment and engage with technologies that improve access and participation in a range of industries.

PRE-REQUISITES

There are no prerequisites for this course, however, Mathematics Advanced and an understanding of the Python programming language would be an advantage.

COURSE DESCRIPTION

Year 11 Topics

- Programming Fundamentals
- The Object-Oriented Paradigm
- Programming Mechatronics

Year 12 Topics

- Programming Fundamentals
- Secure Software Architecture
- Programming for the Web
- Software Automation
- Software Engineering Project

HSC EXAMINATION REQUIREMENTS

The examination will be worth 80 marks.
The time allowed is 2 hours and 30 minutes.
It will be undertaken by students using a computer.

VET COURSES

Refer to end of booklet for information on this Maths VET course:

- Information and Digital Technology

SCIENCE

Science courses at Jesmond offer students the chance to gain and apply knowledge, deepen their understanding and develop creative and critical thinking skills within an authentic context.

The courses are designed to prepare students for a future in STEM learning and work places.

Science students will undertake practical experiments to investigate a wide variety of topics, developing the skills to work independently and cooperatively in our laboratories.

Students also participate in a variety of scientific investigations designed to create meaningful links to the syllabus outcomes and their lives beyond the classroom.

EXTRA CURRICULAR ACTIVITIES

There are a number of extra-curricular activities that provide opportunities for students to extend and integrate their knowledge.

These activities include:

- ExperimentFest at the University of Newcastle
- Visits to the Hunter Wetlands
- Museum of Human Disease Excursion
- ORICA Chemistry Excursion
- EES Nobby's Beach Excursion
- Senior Study Days
- Holiday Tutorials

HEAD TEACHER

Mr Jivvel Kilham

COURSES ON OFFER

BIOLOGY

CHEMISTRY

EARTH & ENVIRONMENTAL SCIENCE

INVESTIGATING SCIENCE

PHYSICS

For more information on Science courses, visit the NESA website via the QR code below -



BIOLOGY

FACULTY	UNITS
Science	2
TYPE	ATAR
Board Developed Course	

The Year 11 course looks at how cells are built and how multicellular organisms take in nutrients, exchange gases, and stay alive. It also explores how different structures and functions in living things are affected by the environment and how this relates to biodiversity.

The Year 12 course explores how plants and animals reproduce, how traits are inherited, and what causes genetic differences. It also looks at how this knowledge is used in biotechnology and medicine to help prevent and treat diseases.

This course is ideal for students interested in the living world and how it works—from cells and organisms to ecosystems and global sustainability.

Biology is especially suited to students considering future pathways at TAFE or university in areas such as Nursing, Pathology, Medical Science, and Environmental Studies. The course also builds valuable knowledge and skills for anyone interested in personal and public health, and in understanding and protecting the rich diversity of life on Earth.

PRE-REQUISITES

Satisfactory completion of Year 10 Science.

COURSE DESCRIPTION

Year 11 Topics

Modules covered are:

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

Year 12 Topics

Modules covered are:

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

HSC EXAMINATION REQUIREMENTS

A three-hour written exam comprised of:

Multiple choice 20 marks

Short answer 80 marks

UNIQUE FEATURES OF THIS COURSE

Practical investigations are an essential part of both the Year 11 and Year 12 course and must occupy a minimum of 35 hours of course time, including time for practical investigations in depth studies.

Students can combine Biology with ONE or TWO other Science courses selected from Chemistry, Earth & Environmental Science, Investigating Science or Physics.

CHEMISTRY

FACULTY	UNITS
Science	2
TYPE	ATAR
Board Developed Course	

The Year 11 course focuses on the properties and structure of matter, the types and causes of chemical reactions, and the measurement of substances involved in these processes.

The Year 12 course builds on this foundation by exploring classes of chemicals, reaction types and techniques used to identify and measure chemical substances. This leads to a deeper understanding of the structure, properties, and trends within and between groups of chemicals.

Chemistry provides essential foundation knowledge and skills for further study and careers in chemistry and related interdisciplinary fields. It is a key science that plays a major role in meeting current and future energy demands, developing new materials, and addressing sustainability challenges. The course supports pathways into industries such as pharmaceuticals, environmental science, engineering, and materials development.

PREFERRED PRE-REQUISITES

It is highly recommended students complete the Advanced Science Curriculum Proficiency Assessment along with satisfactory completion of Year 10 Science.

The study of Advanced Mathematics is strongly recommended, as the Chemistry course involves mathematical skills such as using formulas, interpreting data, performing calculations, and analysing trends.

COURSE DESCRIPTION

Year 11 Topics

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

Year 12 Topics

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

HSC EXAMINATION REQUIREMENTS

A three-hour written exam comprised of:

Multiple choice 20 marks

Short answer 80 marks

UNIQUE FEATURES OF THIS COURSE

Practical investigations are an essential part of both the Year 11 and Year 12 course and must occupy a minimum of 35 hours of course time, including time allocated to practical investigations in depth studies.

Students can combine Chemistry with ONE or TWO other Science courses selected from Biology, Earth & Environmental Science, Investigating Science or Physics.

EARTH AND ENVIRONMENTAL SCIENCE

FACULTY Science	UNITS 2
TYPE Board Developed Course	ATAR

The Year 11 course explores the layers of the Earth, how minerals form, tectonic activity, and energy changes, along with the impact humans have on Earth's resources and surface.

The Year 12 course looks at how plate movements, water formation, and the arrival of life affect the Earth's systems, air, water, land, and climate. A strong focus is placed on sustainability and the long-term health of the planet and all living things.

Earth and Environmental Science provides essential knowledge and skills for further study and careers in fields related to geology, environmental management, and sustainability. This subject plays a key role in understanding and solving current and future environmental challenges. It is also important for the responsible use and management of geological resources that support Australia's sustainable development.

Relevant industries include Agriculture, Forestry and Fishing, Education and Training, Electricity, Gas, Water and Waste Services, Health Care and Social Assistance, and Mining.

PRE-REQUISITES

Satisfactory completion of Year 10 Science.

COURSE DESCRIPTION

Year 11 Topics

- Module 1: Earth's Resources
- Module 2: Plate Tectonics
- Module 3: Energy Transformations
- Module 4: Human Impacts

Year 12 Topics

- Module 5: Earth's Processes
- Module 6: Hazards
- Module 7: Climate Science
- Module 8: Resource Management

HSC EXAMINATION REQUIREMENTS

A three-hour written exam comprised of:
Multiple choice 20 marks
Short answer 80 marks

UNIQUE FEATURES OF THIS COURSE

Practical investigations are an essential part of both the Year 11 and Year 12 course and must occupy a minimum of 35 hours of course time, including time for practical investigations in depth studies.

Students can combine Earth & Environmental Science with ONE or TWO other Science courses selected from Biology, Chemistry, Investigating Science or Physics.

INVESTIGATING SCIENCE

FACULTY Science	UNITS 2
TYPE Board Developed Course	ATAR

Investigating Science is a practical and flexible science course that supports students in exploring scientific ideas and solving real-world problems. The course develops skills in questioning, planning, conducting investigations, and drawing conclusions based on evidence. It focuses on scientific thinking, problem-solving and decision-making through investigations connected to biology, chemistry, physics, and earth sciences.

Designed for all students, Investigating Science can be adapted to suit different school contexts and learning needs. It complements the study of other science subjects by building scientific literacy and helping students understand how science applies to everyday situations, community concerns, and global challenges.

This course can lead to a range of career opportunities in fields such as environmental science, health and medical research, science communication, laboratory and technical support, teaching, emergency services, engineering, and agricultural or food sciences.

PRE-REQUISITES

Successful completion of Year 10 Science.

COURSE DESCRIPTION

Year 11 Topics

- Module 1: Cause and Effect - Observing
- Module 2: Cause and Effect - Inferences and Generalisations
- Module 3: Scientific Models
- Module 4: Theories and Laws

Year 12 Topics

- Module 5: Scientific Investigations
- Module 6: Technologies
- Module 7: Fact or Fallacy?
- Module 8: Science and Society

HSC EXAMINATION REQUIREMENTS

A three-hour written exam comprised of:
Multiple choice 20 marks
Short answer 80 marks

UNIQUE FEATURES OF THIS COURSE

Practical investigations are an essential part of both the Year 11 and Year 12 course and must occupy a minimum of 35 hours of course time, including time for practical investigations in depth studies.

Students can combine Investigating Science with ONE or TWO other Science courses selected from Biology, Chemistry, Physics or Earth & Environmental Science.

PHYSICS

FACULTY
Science

UNITS
2

TYPE
Board Developed Course

ATAR

The Year 11 course introduces the basics of motion, how it's described, and what causes it. It also explores different types of energy, and how electricity and magnetism work and interact.

The Year 12 course builds on this by applying these ideas to motion in two dimensions, electromagnetism, the nature of light, and the properties of atoms.

Physics provides essential knowledge and skills for further study and careers in areas such as engineering, technology, health, and research. It is a discipline that encourages innovative and creative thinking to solve complex problems. Physics plays a key role in addressing global challenges, including sustainability, energy efficiency, and the development of new materials and technologies.

Relevant industries include Construction, Electricity, Gas, Water and Waste Services, Manufacturing, Mining, and Professional, Scientific and Technical Services.

PREFERRED PRE-REQUISITES

It is highly recommended students complete the Advanced Science Curriculum Proficiency Assessment along with satisfactory completion of Year 10 Science.

The study of Advanced Mathematics is strongly recommended, as the Physics course involves mathematical skills such as using formulas, interpreting data, performing calculations, and analysing trends.

COURSE DESCRIPTION

Year 11 Topics

- Module 1: Kinematics
- Module 2: Dynamics
- Module 3: Waves and Thermodynamics
- Module 4: Electricity and Magnetism.

Year 12 Topics

- Module 5: Advanced Mechanics
- Module 6: Electromagnetism
- Module 7: The Nature of Light
- Module 8: From the Universe to the Atom.

HSC EXAMINATION REQUIREMENTS

A three-hour written exam comprised of:
Multiple choice 20 marks
Short answer 80 marks

UNIQUE FEATURES OF THIS COURSE

Practical investigations are an essential part of both the Year 11 and Year 12 course and must occupy a minimum of 35 hours of course time, including time allocated to practical investigations in depth studies.

Students can combine Physics with ONE or TWO other Science courses selected from Biology, Chemistry, Earth & Environmental Science or Investigating Science.

HSIE

Human society and its environment (HSIE) is the exploration of the world around us. The world we live in is a social, cultural and physical environment that is ever changing and evolving, from historical times to the present.

Callaghan College Jesmond Senior Campus HSIE Department offers a vast selection of subjects that bring our world history, geography, people, societies and culture to life.

Our staff's vision is to open the eyes of our students to the world and its environs and equip them with the learning experiences, knowledge, skills and attitudes that will enable them to participate more effectively and sensitively in our global community.

We take traditional learning and content and integrate them with these skills and strategies to build student capacity for lifelong learning and active citizenship. We examine our world in its physical and human dimensions through a choice of eleven subject studies.

EXTRA CURRICULAR ACTIVITIES

There are a number of extra-curricular activities that provide opportunities for students to extend and integrate their knowledge.

These activities include:

- Cultural visits and partnership with other schools
- Mock trial
- Business studies competitions
- Retail showcase
- Senior study days
- Excursions
- Parliament in schools

HEAD TEACHER

Mr Lucas Winter

COURSES ON OFFER

ABORIGINAL STUDIES

ANCIENT HISTORY

MODERN HISTORY

HISTORY EXTENSION

GEOGRAPHY

ECONOMICS

LEGAL STUDIES

SOCIETY & CULTURE

STUDIES OF RELIGION II

WORK STUDIES

WORK STUDIES - ABORIGINAL
HISTORY & CULTURE

BUSINESS SERVICES (VET)

RETAIL SERVICES (VET)

For more information on HSIE courses, visit the NESA website via the QR code below -



ABORIGINAL STUDIES

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Aboriginal Studies is intended for students interested in understanding the history, culture and contemporary issues affecting Aboriginal and Torres Strait Islander peoples. It caters to those aspiring to engage in community work, education, social justice, public policy and cultural preservation.

The course encourages critical thinking, evidence-based writing and analytical discussion, with strong emphasis on articulating complex ideas, analysing historical and contemporary sources and constructing structured arguments.

PRE-REQUISITES

There are no formal pre-requisites for Aboriginal Studies. However, strong reading comprehension, analytical skills and structured writing abilities are highly beneficial due to the course's emphasis on interpreting historical and social sources, analysing case studies and constructing evidence-based arguments.

COURSE DESCRIPTION

Year 11 Topics

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

Year 12 Topics

- Social Justice and Human Rights Issues
- Case studies
- Research and Inquiry Methods – Major Project

HSC EXAMINATION REQUIREMENTS

The HSC examination for Aboriginal Studies is a three-hour written paper that consists of three sections (short-answer, objective response and extended response) worth a total of 100 marks.

Extended responses range in expected length from 600 – 800 words.

UNIQUE FEATURES OF THIS COURSE

This course includes a Major Research Project (40% of the HSC school assessment) that enables engagement with local Aboriginal communities, requiring comprehensive written reports and evaluations.

ANCIENT HISTORY

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Ancient History is intended for students fascinated by the events, people and societies of the ancient world. It is ideal for those passionate about understanding historical developments, archaeological discoveries and the legacy of ancient civilisations. The course caters to students aspiring to pursue careers in history, archaeology, education, museum studies, cultural preservation and research.

The study of Ancient History emphasises the development of high-level essay writing skills, including the ability to structure arguments logically, interpret historical sources and evaluate evidence. Students learn to write with clarity, coherence and depth, producing well-organised essays that demonstrate critical understanding of ancient events and figures. Analytical writing is a key component, equipping students with skills that are highly valued in both academic and professional contexts.

PRE-REQUISITES

There are no formal pre-requisites for Ancient History. However, strong reading comprehension and essay writing skills are highly beneficial due to the course's emphasis on interpreting historical sources, constructing structured arguments and evidence-based analysis.

COURSE DESCRIPTION

Year 11 Topics

- Investigating Ancient History
 - The Nature of History
 - Case Studies
- Features of Ancient Societies
- Historical Investigation

Year 12 Topics

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

HSC EXAMINATION REQUIREMENTS

The HSC examination for Ancient History is a three-hour written examination that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of short answer, source-based analysis and extended response questions.

Extended responses range in expected length from 600–1000 words.

UNIQUE FEATURES OF THIS COURSE

Excursions to museums, exhibits and historical sites are included when available, offering students the opportunity to engage directly with artefacts and primary evidence, deepening their understanding of ancient civilisations.

BUSINESS STUDIES

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Business Studies is intended for students interested in understanding the structure, operation and management of businesses in both local and global contexts. It is ideal for those aspiring to pursue careers in business management, finance, marketing, entrepreneurship and corporate leadership. The course encourages the development of critical thinking, problem-solving and decision-making skills, alongside an understanding of how theoretical concepts apply to real-world business scenarios.

The study of Business Studies emphasises the development of analytical and written communication skills, including the ability to construct logical business reports, evaluate business strategies and interpret financial information. Students learn to write with clarity and precision, producing well-structured responses and case study analyses that reflect deep understanding of business operations and strategic management.

PRE-REQUISITES

There are no formal pre-requisites for Business Studies. However, strong literacy and numeracy skills are highly beneficial due to the course's emphasis on interpreting business data, constructing structured business reports and analysing case studies.

COURSE DESCRIPTION

Year 11 Topics

- Nature of Business
- Business Management
- Business Planning

Year 12 Topics

- Operations
- Marketing
- Finance
- Human Resources

HSC EXAMINATION REQUIREMENTS

The HSC examination for Business Studies is a three-hour written paper that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of objective-response, short-answer and extended-response questions.

Extended responses have an expected length of approximately 800 words.

UNIQUE FEATURES OF THIS COURSE

Business Studies provides students with practical skills and knowledge that are directly applicable to real-world business environments.

The course includes excursions to business seminars, industry workshops and corporate site visits when available, offering students insights into business operations and management strategies.

ECONOMICS

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Economics is intended for students interested in understanding how economic systems operate at local, national and global levels. It is ideal for those passionate about exploring economic theory, market behaviour, financial policies and government intervention. The course caters to students aspiring to pursue careers in economics, finance, business management, public policy, banking and international trade.

The study of Economics emphasises the development of analytical skills, problem-solving and economic reasoning, including the ability to interpret economic data, evaluate policy decisions and understand market fluctuations. Students learn to write with clarity and precision, producing well-structured and analytical responses that reflect a deep understanding of economic principles and their real-world applications.

PRE-REQUISITES

There are no formal pre-requisites for Economics. However, strong numeracy skills, reading comprehension and analytical writing skills are highly beneficial due to the course's emphasis on interpreting economic data, constructing structured economic arguments and evidence-based analysis.

COURSE DESCRIPTION

Year 11 Topics

- Introduction to Economics
- Consumers and Business
- Markets
- Labour Markets
- Financial Markets
- Government in the Economy

Year 12 Topics

- The Global Economy
- Australia's Place in the Global Economy
- Economic Issues
- Economic Policies and Management

HSC EXAMINATION REQUIREMENTS

The HSC examination for Economics is a three-hour written paper that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of objective-response, short-answer and extended-response questions.

Extended responses have an expected length of approximately 800 words.

UNIQUE FEATURES OF THIS COURSE

Economics provides students with practical insights into the functioning of markets, the role of government intervention and global economic trends. The course includes excursions to financial institutions, economic seminars and industry workshops when available, offering students firsthand experiences with real-world economic processes and policy discussions.

GEOGRAPHY

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Geography is intended for students interested in understanding the interactions between people, places and environments across local, national and global scales. It is ideal for those passionate about exploring environmental management, urban planning, sustainability and global development. The course caters to students aspiring to pursue careers in environmental science, urban planning, international development, resource management and geography education.

The study of Geography emphasises the development of research, analytical and fieldwork skills, including the ability to interpret spatial data, analyse geographical processes and evaluate environmental strategies. Students learn to write with clarity and precision, producing well-structured extended responses and case study analyses that reflect a deep understanding of environmental and human geography.

PRE-REQUISITES

There are no formal pre-requisites for Geography. However, strong analytical skills, reading comprehension and structured extended response writing are highly beneficial due to the course's emphasis on spatial analysis, fieldwork research and evidence-based evaluation of geographical processes.

COURSE DESCRIPTION

Year 11 Topics

- Earth's Natural Systems
- People, Patterns and Processes
- Human-Environment Interactions
- Geographical Investigation

Year 12 Topics

- Global Sustainability
- Rural and Urban Places
- Ecosystems and Global Biodiversity

HSC EXAMINATION REQUIREMENTS

The HSC examination for Geography is a three-hour written paper that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of objective-response, short-answer and extended-response questions.

Extended responses have an expected length of approximately 800 words.

UNIQUE FEATURES OF THIS COURSE

The course includes mandatory fieldwork that explores ecosystems, natural landscapes, urban developments and environmental management sites. These experiences enable students to engage directly with geographical features and management strategies, deepening their understanding of real-world environmental and urban challenges.

HISTORY EXTENSION

FACULTY HSIE	UNITS 1
TYPE Board Developed Course	ATAR

History Extension is intended for students with a strong interest in historical inquiry, historiography and the interpretation of historical evidence. It is ideal for those passionate about understanding how history is constructed, contested and represented. The course caters to students aspiring to pursue careers in history, archaeology, education, journalism, research and museum studies.

The course emphasises the development of critical thinking, historical analysis, and sophisticated writing skills, including the ability to interpret historical debates, evaluate the reliability of sources and understand different historiographical approaches. Students learn to write with clarity and depth, producing well-structured extended responses and investigative research projects that demonstrate advanced understanding of historical interpretation.

PRE-REQUISITES

To enrol in History Extension, students must be studying either Modern History or Ancient History as a co-requisite. This is a mandatory requirement, as History Extension builds on the skills and historical understanding developed in these subjects.

COURSE DESCRIPTION

- Constructing History
 - Key Questions
 - Case Studies
- History Project

Students are expected to:

- Interpret and analyse a range of sources and evidence
- Construct well-organised extended responses
- Evaluate differing historical interpretations and methodologies
- Apply critical thinking to historiographical debates
- Engage with historical theories and scholarly arguments to deepen understanding

HSC EXAMINATION REQUIREMENTS

The HSC examination for History Extension is a two-hour written paper that consists of two sections worth a total of 50 marks.

The examination assesses student understanding through extended response questions.

The expected length of each extended response is approximately 1000 words.

UNIQUE FEATURES OF THIS COURSE

The History Project – Historical Process consists of three elements assessed as one formal task:

- proposal
- process log
- annotated sources

The History Project – Essay expected word count of approximately 2500 words

LEGAL STUDIES

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Legal Studies is intended for students interested in understanding the structure, function and impact of law within Australian and global contexts. It is ideal for those passionate about exploring legal systems, human rights, justice and the role of law in society. The course caters to students aspiring to pursue careers in law, criminology, social justice, government, policing and public policy.

The course emphasises the development of critical thinking, analytical skills and structured legal writing, including the ability to interpret legal cases, evaluate justice mechanisms and understand the implications of law reform. Students learn to write with clarity and precision, producing well-structured legal essays and case study analyses that reflect a deep understanding of legal concepts and their application.

PRE-REQUISITES

There are no formal pre-requisites for Legal Studies. However, strong reading comprehension, analytical skills and essay writing abilities are highly beneficial due to the course's emphasis on interpreting legal documents, analysing case studies and constructing evidence-based arguments.

COURSE DESCRIPTION

Year 11 Topics

- The legal system
- The individual and the law
- Law in practice

Year 12 Topics

- Crime
- Human Rights
- Options (Choose Two)
 - Consumers
 - Global environmental protection
 - Family
 - Indigenous peoples
 - Shelter
 - Workplace
 - World order

HSC EXAMINATION REQUIREMENTS

The HSC examination for Legal Studies is a three-hour written paper that consists of four sections worth a total of 100 marks. The examination assesses student understanding through a combination of objective-response, short-answer and extended-response questions.

Extended responses range in expected length from 600 – 1000 words.

UNIQUE FEATURES OF THIS COURSE

The course may include opportunities to participate in Mock Trial, the Law Student for a Day program run by the University of Newcastle (UON) and visits to local courts and State Parliament, allowing students to engage directly with legislative processes judicial decision-making.

MODERN HISTORY

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Modern History is intended for students interested in understanding the events, movements and ideologies that have shaped the modern world. It is ideal for those passionate about analysing political developments, social change and global conflicts from the 18th century to the present. The course caters to students aspiring to pursue careers in history, political science, international relations, law, journalism and education.

The study of Modern History emphasises the development of high-level essay writing skills, including the ability to structure arguments logically, interpret historical sources and evaluate evidence. Students learn to write with clarity, coherence and depth, producing well-organised essays that demonstrate critical understanding of modern events, political movements and social transformations. Analytical writing is a key component, equipping students with skills that are highly valued in both academic and professional contexts.

PRE-REQUISITES

There are no formal pre-requisites for Modern History. However, strong reading comprehension and essay writing skills are highly beneficial due to the course's emphasis on interpreting historical sources, constructing structured arguments and evidence-based analysis.

COURSE DESCRIPTION

Year 11 Topics

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

Year 12 Topics

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

HSC EXAMINATION REQUIREMENTS

The HSC examination for Modern History is a three-hour written paper that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of short answer, source-based analysis and extended response questions.

Extended responses range in expected length from 600–1000 words.

UNIQUE FEATURES OF THIS COURSE

The course includes excursions to museums, exhibits and historical sites when available, allowing students to engage directly with artefacts and primary evidence to deepen their understanding of modern history.

SOCIETY AND CULTURE

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Society and Culture is intended for students interested in understanding the interactions between individuals, societies and cultures across local, national and global contexts. It is ideal for those passionate about exploring social justice, cultural diversity, community dynamics and social change. The course caters to students aspiring to pursue careers in sociology, anthropology, social work, community development, international relations and education.

The course emphasises the development of critical thinking, social research skills and structured analytical writing, including the ability to interpret sociocultural data, evaluate social patterns and understand the influence of cultural perspectives on social change. Students learn to write with clarity and depth, producing well-organised extended responses, reflective analyses and research-based evaluations that demonstrate critical understanding of social and cultural dynamics.

PRE-REQUISITES

There are no formal pre-requisites for Society and Culture. However, strong reading comprehension, analytical skills and structured writing abilities are highly beneficial due to the course's emphasis on interpreting sociocultural data, analysing case studies and constructing evidence-based arguments.

COURSE DESCRIPTION

Year 11 Topics

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

Year 12 Topics

- Personal Interest Project (PIP)
- Social and Cultural Continuity and Change
- Depth Studies (Two of the following):
 - Popular Culture
 - Belief Systems and Ideologies
 - Social Inclusion and Exclusion
 - Social Conformity and Nonconformity

HSC EXAMINATION REQUIREMENTS

The HSC examination for Society and Culture consists of a two-hour written paper worth 60 marks and a Personal Interest Project worth 40 marks.

The expected length of extended responses is approximately 600 – 800 words.

UNIQUE FEATURES OF THIS COURSE

The course includes the Personal Interest Project (PIP), which allows students to conduct an independent, evidence-based investigation into a social or cultural topic of interest.

This major project constitutes 40% of the HSC examination mark and requires students to produce a structured report of 3000–5000 words.

STUDIES OF RELIGION II

FACULTY HSIE	UNITS 2
TYPE Board Developed Course	ATAR

Studies of Religion II is intended for students interested in exploring the belief systems, rituals, ethics and impact of major world religions. It is ideal for those passionate about understanding the role of religion in shaping cultural identity, ethical decision-making and social change. The course caters to students aspiring to pursue careers in education, theology, social work, international relations, cultural studies and community engagement.

The course emphasises the development of critical thinking, analytical skills and structured essay writing, including the ability to interpret sacred texts, evaluate religious beliefs and understand the influence of religion on society. Students learn to write with clarity and depth, producing well-organised essays and reflective responses that demonstrate critical understanding of religious practices and their global impact.

PRE-REQUISITES

There are no formal pre-requisites for Studies of Religion II. However, strong reading comprehension, analytical skills and extended response writing abilities are highly beneficial due to the course's emphasis on interpreting religious texts, analysing case studies and constructing evidence-based arguments.

COURSE DESCRIPTION

Year 11 Topics

- Nature of Religion and Beliefs
- Religious Tradition Studies (Three of the following):
 - Buddhism
 - Christianity
 - Hinduism
 - Islam
 - Judaism
- Religions of Ancient Origin
- Religion in Australia pre-1945

Year 12 Topics

- Social Justice and Human Rights Issues
- Religion and Belief Systems in Australia post-1945
- Religious Tradition Depth Studies (Three of the following):
 - Buddhism
 - Christianity
 - Hinduism
 - Islam
 - Judaism
- Religion and Peace
- Religion and Non-Religion

HSC EXAMINATION REQUIREMENTS

The HSC examination for Studies of Religion II is a three-hour written paper that consists of four sections worth a total of 100 marks.

The examination assesses student understanding through a combination of short-answer, objective response and extended response questions.

The expected length of extended responses is approximately 800 words.

UNIQUE FEATURES OF THIS COURSE

The course may include excursions to places of worship, interfaith dialogues and community religious events when available, allowing students to engage directly with diverse religious traditions and understand their societal impact.

WORK STUDIES

FACULTY
HSIE

UNITS
2

TYPE

Content Endorsed Course

Non-ATAR

Work Studies is a Content Endorsed Course (CEC), which means it is assessed entirely through school-based assessment and does not count towards the ATAR. The course is intended for students interested in understanding the world of work, career pathways, and the skills required for successful employment. It is ideal for those passionate about exploring career planning, workplace environments, and employability skills. The course caters to students aspiring to pursue careers in business, trades, hospitality, community services, and other vocational pathways.

The course emphasises the development of practical skills, career planning strategies and workplace knowledge, including the ability to create résumés, interpret workplace policies and understand the expectations of employers. Students learn to communicate effectively, develop career plans, and engage with workplace simulations and industry experiences.

PRE-REQUISITES

There are no formal pre-requisites for Work Studies. However, effective communication skills, organisational abilities and a proactive approach to learning are beneficial.

COURSE DESCRIPTION

Preliminary and HSC Topics

- Core Topic:
 - My Working Life
- Module Options:
 - In the Workplace
 - Preparing Job Applications
 - Workplace Communication
 - Teamwork and Enterprise Skills
 - Managing Work and Life Commitments
 - Personal Finance
 - Workplace Issues
 - Self-Employment
 - Team Enterprise Project
 - Experiencing Work

HSC EXAMINATION REQUIREMENTS

There is no external examination in the Stage 6 Work Studies Content Endorsed Course. When completed as an HSC course, Work Studies will have an unmoderated school assessment mark recorded on the HSC Record of Achievement.

Student achievement is assessed through:

- School-based assessments, including projects, practical applications and written reflections
- Portfolio development, which may include résumés, career plans and evidence of workplace experience
- Industry engagement and community projects

This structure assesses students' ability to apply practical workplace skills, develop career pathways and engage with community and industry partners.

UNIQUE FEATURES OF THIS COURSE

Students develop a Career Portfolio, including résumés, job applications, and career planning documents, which supports their transition into further education or employment.

VET COURSES

Refer to end of booklet for information on these HSIE VET courses:

- Business Services
- Retail Services

LANGUAGES

Language study allows students to develop communication skills, learn about languages as systems and explore the relationship between language and culture.

Students engage with the linguistic and cultural diversity of societies and reflect on their understanding of social interactions.

Callaghan College Jesmond Senior Campus offers a number of beginner language courses. These language courses provide students with the opportunity to develop their linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in language.

Our Campus can also provide access to extended language offerings beyond our Campus.

EXTRA CURRICULAR OPPORTUNITIES

Cultural Immersion Days
Regional Study Days
University of Newcastle Programs

HEAD TEACHER

Mrs Rebecca De Souza

COURSES ON OFFER

FRENCH BEGINNERS

GERMAN BEGINNERS

For more information on Language courses, visit the NESA website via the QR code below -



FRENCH BEGINNERS

FACULTY LOTE	UNITS 2
TYPE Board Developed Course	ATAR

This course is for senior secondary students who have little or no previous knowledge of French and have an interest in learning to use French for communication and learning about the cultures of French-speaking countries.

PRE-REQUISITES

This course is for students who have not studied French in Stage 5. Students are ineligible if they have studied French for more than 100 hours in Stages 4 or 5 or in a school setting outside of Australia.

COURSE DESCRIPTION

Year 11 Topics

- Self and Family
- Places and cultures
- Pastimes, friends and entertainment

Year 12 Topics

- Work and school
- Holidays
- Future plans
- Daily life

HSC EXAMINATION REQUIREMENTS

- Speaking Examination (approximately 5–6 minutes of conversation) 20%
- Listening and Written Examination 60%

UNIQUE FEATURES OF THIS COURSE

Students who complete this course for the HSC may be admitted to the second year of French at University.

GERMAN BEGINNERS

FACULTY LOTE	UNITS 2
TYPE Board Developed Course	ATAR

This course is for senior secondary students who have little or no previous knowledge of German and have an interest in learning to use German for communication and learning about the cultures of German-speaking countries.

PRE-REQUISITES

This course is for students who have not studied German in Stage 5. Students are ineligible if they have studied German for more than 100 hours in Stages 4 or 5 or in a school setting outside of Australia.

COURSE DESCRIPTION

Year 11 Topics

- Self and Family
- Places and cultures
- Pastimes, friends and entertainment

Year 12 Topics

- Work and school
- Holidays
- Future plans
- Daily life

HSC EXAMINATION REQUIREMENTS

- Speaking Examination (approximately 5–6 minutes of conversation) 20%
- Listening and Written Examination 60%

UNIQUE FEATURES OF THIS COURSE

Students who complete this course for the HSC may be admitted to the second year of German at University.

PDHPE

The Personal Development, Health and Physical Education (PDHPE) faculty has experienced staff with a wealth of knowledge, this includes HSC marking and delivering state wide training programs for the Certificate II in sports coaching.

We deliver flexible programs that cater for the needs of our students that promote engagement and ownership of their learning.

Our focus is to challenge students in thinking critically about key issues related to health and physical activity in order to make informed decisions that support and contribute to healthy, active lifestyles and communities.

FACILITIES

Indoor sports auditorium
Gymnasium
Sports Field
Multiple fully covered outdoor courts

EXTRA CURRICULAR OPPORTUNITIES

College Sports Teams
Individual Representative Sports Opportunities
University of Newcastle - The Forum

HEAD TEACHER

Mr Paul Colla

COURSES ON OFFER

COMMUNITY & FAMILY STUDIES

HEALTH & MOVEMENT SCIENCE

SPORT, LIFESTYLE & RECREATION

SPORT COACHING (VET)

SPORT COACHING - ACCELERATED (VET)

For more information on PDPHE courses, visit the NESA website via the QR code below -



COMMUNITY AND FAMILY STUDIES

FACULTY PDHPE	UNITS 2
TYPE Board Developed Course	ATAR

This course is suited to students who are passionate about the big issues shaping Australia today, like how technology affects our lives, what makes strong families, and how communities work. This course focuses on skills in resource management that enable people to function effectively in their everyday lives, in families and communities. This course sets students up for careers in early childhood, sociology, teaching, nursing, psychology, law, medical field or management.

Students are required to develop research skills in planning, collecting, recording, interpreting, analysing and presenting as they employ various research methodologies to complete an Independent Research Project (IRP).

PRE-REQUISITES

There are no prerequisites for this course.

COURSE DESCRIPTION

Year 11 Cores

Resource Management

- Basic concepts of the resource management process,

Individuals and Groups

- The individual's roles, relationships and tasks with groups

Families & Communities

- Family structures and functions and the interaction between family and community,

Year 12 Cores

Research Methodology

- Ethical research procedures culminating in the production of an Independent Research Project

Groups in Context

- The needs of specific community groups
- Individuals and groups who adopt roles in parenting and caring in contemporary society

Year 12 Electives (only one will be chosen)

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

HSC EXAMINATION REQUIREMENTS

Written examination 3 Hours

- Part A Multiple choice 20 marks
- Part B Short answer 55 marks
- Part C Extended response

UNIQUE FEATURES OF THIS COURSE

HSC Independent Research Project based on topics individuals, groups, families, communities, or how people manage their resources.

HEALTH & MOVEMENT SCIENCE

FACULTY PDHPE	UNITS 2
TYPE Board Developed Course	ATAR

This is a new course that replaced PDHPE from 2025. The course draws on a multitude of fields with the application of scientific concepts to actively engage students in learning about the factors that influence health and movement, empowering students to critically evaluate the factors that contribute to efficient movement and improved performance and use data to assess and justify key health decisions.

This course has an emphasis on critical inquiry and collaborative investigation, students develop skills necessary for success in a range of tertiary pathways, including physiotherapy, exercise physiology, sports medicine, paramedicine, nursing, occupational therapy and a range of roles within the public health sector.

PRE-REQUISITES

There are no prerequisites for this course, however, this course is academically demanding and requires rigorous application to all aspects.

COURSE DESCRIPTION

Year 11 Topics

- Health for Individuals and Communities
- The Body and Mind in Motion
- Collaborative Investigation (mandatory assessment)
- Depth Studies (minimum of 2)

Year 12 Topics

- Health in an Australian and global context
- Training for improved performance
- Depth studies (a minimum of 2)

HSC EXAMINATION REQUIREMENTS

Time allowed: 3 hours

- Section I (20 marks) multiple choice questions
- Section II (56 marks) short-answer questions.
- Section III (24 marks) 2 extended-response questions

UNIQUE FEATURES OF THIS COURSE

In Year 11, students will be required to undertake a Collaborative Investigation with other students – this is a mandatory assessment.

SPORT, LIFESTYLE AND RECREATION

FACULTY
PDHPE

UNITS
2

TYPE
Content Endorsed Course

Non-ATAR

In this course, students will learn why living a healthy and active life is so important and how to make smart, responsible choices about their own health and fitness. The course gives students a chance to develop skills in different sports and participate in fun physical activities.

This course is all about helping young people stay active and encouraging them to keep it up for life. This course suits those who wish to enter teaching, coaching, police force, ambulance, nursing and have an interest in sport based activities. This course suits students who wish to have a break from the rigour of an ATAR pathway

PRE-REQUISITES

There are NO formal pre-requisites for this course, however, students should not select it unless they are prepared to fully involve themselves in both scheduled theory and practical lessons.

COURSE DESCRIPTION

Modules are assessed through practical application of skills along with an online CANVAS activities.

Modules studied in Years 11 and 12:

- First Aid and Sports Injuries
- Fitness
- Games and Sports Applications I
- Games and Sports Applications II
- Healthy Lifestyle
- Individual Games and Sports Applications
- Outdoor Recreation
- Resistance Training
- Sports Administration

HSC EXAMINATION REQUIREMENTS

There is no formal HSC Examination for this course.

UNIQUE FEATURES OF THIS COURSE

This is primarily an active course in which you will be participating in team-based sports such as basketball, soccer, netball, volleyball and individual sports such as squash, golf and badminton etc.

Students will visit local facilities such as squash and tennis courts, golf driving range and course along with bowling greens. Fitness instructors will also be taking specific fitness classes.

There are course contributions which cover all excursions -

- Year 11 \$40.00
- Year 12 \$60.00

VET COURSES

Refer to end of booklet for information on this PDHPE VET course:

- Sport Coaching

INDUSTRIAL ARTS

Industrial Arts courses provide students with an opportunity to develop a broad range of skills and knowledge related to the focus area of their chosen course.

Students will learn the importance of design, management and production through the development of their own practical projects.

Students will be provided the opportunity to learn new skills and knowledge that can be applied to practical tasks at school and into their working life. Students' creativity and imagination is encouraged through the development of projects that highlight personal and cultural interests.

The Industrial Arts Faculty also support students completing VET courses at school, providing a strong learning focus to support work placement and training.

FACILITIES

Computer rooms dedicated to Industrial Arts classes, providing student access to Computer-Aided Design (CAD) software including AutoCAD; Inventor; Revit; 3D Studio Max; Sketchup Pro

2 wood workshops fully equipped with tools and industry standard machinery

A metal workshop fully equipped with tools and industry standard machinery

Engineering Studies/Drawing room

2 IA/Vet tutorial rooms

Trade Training Centre fully equipped with tools and industry standard equipment

Technology centre with access to a laser cutter and a CNC Router

HEAD TEACHER

Mr Bruce Killen

COURSES ON OFFER

DESIGN & TECHNOLOGY

ENGINEERING STUDIES

INDUSTRIAL TECHNOLOGY -
GRAPHICS TECHNOLOGIES

INDUSTRIAL TECHNOLOGY
- METALS & ENGINEERING
TECHNOLOGIES

INDUSTRIAL TECHNOLOGY
- TIMBER & FURNITURE
TECHNOLOGIES

CONSTRUCTION (VET)

FURNITURE MAKING (VET)

MANUFACTURING & ENGINEERING
(VET)

For more information on Industrial Arts courses, visit the NESA website via the QR code below -



DESIGN & TECHNOLOGY

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

This course involves hands-on practical activities which develop knowledge and skills in designing and producing. The course involves the development, realisation and documentation of design projects through engaging with design theory and practice, design processes, environmental and social issues, communication, research, technologies, and the manipulation of materials, tools and techniques.

The Major Design Project and supporting portfolio 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.

PRE-REQUISITES

There are no pre requisites for Design and Technology, but a good understanding of design principles, research skills, practical and presentation skills would assist a student in this area of study.

COURSE DESCRIPTION

Year 11

Students must participate in various hands-on practical activities and undertake a minimum of two design projects.

Year 12

The activities of designing and producing that were studied in the Preliminary course are synthesised and applied. This culminates in the development and realisation of a Major Design Project and a case study of an innovation.

HSC EXAMINATION REQUIREMENTS

- Design Project 60%
- Formal Examination 40% short answer and extended response

ENGINEERING STUDIES

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

Both Preliminary and HSC courses offer students knowledge, understanding and skills in aspects of engineering that include communication, engineering mechanics/hydraulics, engineering materials, historical/societal influences, engineering electricity/electronics, and the scope of the profession.

Students study engineering by investigating a range of applications and fields of engineering.

Students undertaking Engineering Studies Stage 6 will have the opportunity to follow a number of pathways. These include tertiary study, vocational education and training, and the world of work.

PRE-REQUISITES

There are no pre requisites for Engineering Studies, but strong working knowledge and understanding of mathematics, science and a curiosity in to how engineers solve problems would assist a student in the course.

COURSE DESCRIPTION

Year 11

Students undertake the study of 4 compulsory modules:

- THREE application modules based on engineering concepts:
 - Engineering Fundamentals
 - Engineered Products and
 - Braking Systems
- ONE focus module relating to the field of Biomedical Engineering.

Year 12

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

HSC EXAMINATION REQUIREMENTS

Section I (20 marks) -

- There will be objective response questions to the value of 20 marks.

Section II (80 marks) -

- Short-answer questions each with multiple parts.
- There will be approximately 25 items in total.

INDUSTRIAL TECHNOLOGY - GRAPHICS TECHNOLOGIES

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

This course is for students who enjoy visual communication, problem-solving, and have an interest in pursuing careers in fields such as architecture, product design, building and construction, surveying, and engineering.

You will develop skills in both traditional technical drawing and modern 3D CAD modelling, learning to design and create plans using industry-standard software. The course culminates in a major project in Year 12, allowing you to apply your skills to a self-selected area of interest.

PRE-REQUISITES

There are no formal pre-requisites for this course, however, it is an advantage if you enjoy drawing or creating.

COURSE DESCRIPTION

Year 11 Topics

Industry Study- (15%)

- Exploring the graphics industry: organisation, marketing, production, workplace
- Technical foundations: tools, equipment, and production techniques.

Fundamentals of Design and Communication (30%)

- Design Principles and Aspects of Design
- Graphical Communication: Object drawing (2D & 3D), sketching, rendering.
- ICT for Communication CAD Software
- Technical Drawing and Production (55%)
- Freehand, 2D, and 3D Drawing and Pictorial Drawings
- Orthographic Projection and Basic Engineering/Product Drawing.
- Introduction to Architectural Drawing: Plans and Elevations.
- Principles of Planes and Coordinates.
- Presentation Techniques: Layout and basic rendering.
- Introduction to Australian Standards (AS1100).

Year 12 Topics

Major Design Project (60%)

- Applying design principles, research, and development to a self-selected project.
- Extensive sketching, idea generation, prototyping, and modelling.
- Creating detailed production and working drawings using CAD.
- Maintaining quality and conducting ongoing project evaluation.
- Managing material selection, processes, time, and finances.
- Producing a comprehensive folio justifying all project decisions (research, design, analysis, evaluation, ICT, WH&S, management, presentation).
- Demonstrating high-level practical skills in the final project production.

Advanced Industry Study (15%)

- In-depth analysis of structural, technical, environmental, sociological, legislative, and locational considerations within the graphics industry.
- Detailed examination of personnel issues and Occupational Health and Safety (OHS) regulations and practices.
- Exploring historical developments and their impact on the industry.

Advanced Manufacturing Technologies (25%)

- Advanced 2D and 3D Drawing Techniques.
- Complex Pictorial Drawings and Perspective.
- Advanced Engineering and Product Drawing (Assembly, Sections, Details).
- Detailed Architectural Drawing (Sections, Details, Site Plans, Council Requirements).
- Advanced Presentation Techniques (Colour, Fly-Throughs, Rendering, Modelling).
- In-depth application of Australian Standards (AS1100 and AS1100.301).
- Proficient use of industry-standard CAD software and presentation equipment.

HSC EXAMINATION REQUIREMENTS

1.5 hour examination:

- Section 1: Multiple choice – 10 marks
- Section 2: Short answer – 15 marks
- Section 3: Extended Response – 15 marks

Please note, there is a \$40 contribution for this course.

INDUSTRIAL TECHNOLOGY – METALS & ENGINEERING TECHNOLOGIES

FACULTY
TAS

UNITS
2

TYPE
Board Developed Course

ATAR

This course is ideal for students who enjoy hands-on, practical learning in a workshop setting and are interested in engineering, metalworking, welding and manufacturing. Students should be problem solvers and creative thinkers with an interest in design and production who aspire to pursue careers in areas such as fitting and machining, fabrication, boiler making or welding, diesel or plant mechanic, mechanical or structural engineering, estimating, engineering drafting or architecture.

Students will gain valuable project management, design, and technological skills offering a strong foundation for employment or further study in engineering, manufacturing, design, or trades. Complements other subjects such as Design & Technology, Engineering Studies, Mathematics, Visual Arts, or Business Studies.

PRE-REQUISITES

No formal prerequisites are required, though students who have previously enjoyed and succeeded in practical or technical subjects may find this course particularly engaging.

COURSE DESCRIPTION

Both the Preliminary and HSC courses are structured around four core areas:

- Industry Study – Examining the structure, practices, and issues in the timber and furniture industry
- Design, Management, and Communication – Learning how to design products, manage time and resources, and communicate ideas through sketches, plans, CAD, and folios
- Production – Gaining hands-on experience through constructing practical projects
- Industry-Related Manufacturing Technology – Understanding materials, processes, tools, and machinery used in the industry

HSC EXAMINATION REQUIREMENTS

60% – Major Project & Folio (marked externally)

40% – Written Exam (includes multiple choice, short responses, and extended responses)

UNIQUE FEATURES OF THIS COURSE

- Students must wear enclosed leather shoes in all practical workshop sessions for safety
- Access to tools, machines, and CAD software (e.g. Onshape) is provided
- The Major Project must reflect high levels of planning, craftsmanship, and documentation
- Students may study Industrial Technology Metal and Engineering Technologies and VET Manufacturing and Engineering concurrently

Please note, there is a \$40 contribution for this course.

INDUSTRIAL TECHNOLOGY – TIMBER & FURNITURE TECHNOLOGIES

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

This course is ideal for students who enjoy hands-on, practical learning in a workshop setting who are interested in timber, furniture design, and manufacturing.

Students should be creative thinkers with an interest in design and production who aspire to pursue careers in areas such as cabinetmaking, joinery, carpentry, furniture design, interior design, architecture, or engineering. Students will gain valuable project management, design, and technological skills that provide a strong foundation for employment or further study in construction, manufacturing, design, or trades.

Complements other subjects such as Design & Technology, Engineering Studies, Mathematics, Visual Arts, or Business Studies

PRE-REQUISITES

No formal prerequisites are required, though students who have previously enjoyed and succeeded in practical or technical subjects may find this course particularly engaging.

COURSE DESCRIPTION

Both the Preliminary and HSC courses are structured around four core areas:

- Industry Study – Examining the structure, practices, and issues in the timber and furniture industry
- Design, Management, and Communication – Learning how to design products, manage time and resources, and communicate ideas through sketches, plans, CAD, and folios
- Production – Gaining hands-on experience through constructing practical projects
- Industry-Related Manufacturing Technology – Understanding materials, processes, tools, and machinery used in the industry

HSC EXAMINATION REQUIREMENTS

60% – Major Project & Folio (marked externally)

40% – Written Exam (includes multiple choice, short responses, and extended responses)

UNIQUE FEATURES OF THIS COURSE

- Students must wear enclosed leather shoes in all practical workshop sessions for safety
- Access to tools, machines, and CAD software (e.g. Onshape) is provided
- The Major Project must reflect high levels of planning, craftsmanship, and documentation
- Students may study Industrial Technology Timber and VET Furniture Making Pathways concurrently

Please note, there is a \$40 contribution for this course.

Students cannot study more than one Industrial Technology focus areas.

VET COURSES

Refer to end of booklet for information on these TAS VET course:

- Construction
- Furniture Making
- Manufacturing and Engineering

HOME ECONOMICS

The home economics faculty is committed to providing students with the knowledge and skills to succeed in life after school. All courses are focused on hands on learning. Practical experience is at the core of our teaching programs.

All home economics staff have extensive industry knowledge and are able to provide support for students across a range of post school pathways. We work closely with our careers department to foster a strong relationship with both community and industry partners. This provides opportunities for employment and further education for all students after their time at Callaghan College Jesmond is complete.

FACILITIES

Students work in our modern commercial kitchen facilities that mirror real world, and our assessments involve catering for school functions.

Our Textiles practical area houses sewing machines for each student, a digital embroidery machine, laser cutter and over locking machines for all students to utilise in the creation of their projects.

Exploring Early Childhood students have access to programmable simulator dolls to simulate the early stages of child growth and the impact on parents.

EXTRA CURRICULAR OPPORTUNITIES

Industry Links – Surfest

HEAD TEACHER

Mr Bruce Killen

COURSES ON OFFER

FOOD TECHNOLOGY

TEXTILES & DESIGN

HOSPITALITY – COOKERY (VET)

HOSPITALITY – FOOD & BEVERAGE (VET)

EXPLORING EARLY CHILDHOOD

For more information on Home Economics courses, visit the NESA website via the QR code below –



FOOD TECHNOLOGY

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

Food Technology will appeal to students keen to explore food related issues and/or have a desire to work in the food industry and affiliated areas such as nutrition and dietetics, hospitality, health, marketing or retail, agriculture or food science. Each week students will be involved in the practical application to support theory work. Covered leather shoes must be worn for practical lessons.

PRE-REQUISITES

There are no formal pre-requisites for this course, however, it is an advantage if students are competent in food related areas.

COURSE DESCRIPTION

YEAR 11

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

Assessments will typically include:

- Research Report
- Practical Activity and Written Task
- Preliminary Examination

YEAR 12

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

In the HSC Course, assessments will typically include:

- Case Study
- Practical Activity and Written Task
- Research Report
- Trial HSC Examination

HSC examination requirements include:

- Multiple choice 20%
- Short answer 50%
- Extended response 30%

UNIQUE FEATURES OF THIS COURSE

The Food Technology syllabus provides students with a broad knowledge of food related technology and skills that are relevant and transferable to other areas of life. Complementary course choices include Hospitality Biology, PDHPE, Business Studies, Economics, Geography, and Chemistry.

Please note, there is a \$40 contribution for this course.

TEXTILES AND DESIGN

FACULTY TAS	UNITS 2
TYPE Board Developed Course	ATAR

Textiles and Design is particularly suited for those who are creative, enjoy working with a diverse range of textile materials, and can undertake independent projects.

Students will enhance their technological and practical skills through hands-on experiences and the use of textile-related technologies, including computer-based design tools.

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

YEAR 11

- Design 40%
- Properties and Performance of Textiles 50%
- Australian Textile, Clothing, Footwear and Allied Industries 10%
- Assessments will typically include:
- Textile Project 1 (skill development and documentation)
- Textile Project 2 Practical (construction of a textile item and documentation)

YEAR 12

- Design 20%
- Properties and Performance of Textiles 20%
- Australian Textile, Clothing, Footwear and Allied Industries 10%
- Major Textiles Project

In the HSC Course, assessments will typically include:

- Case Study
- Major Textiles Project
- Textiles Innovation Project
- Trial HSC Examination

HSC examination requirements include:

- Multiple choice 20%
- Short answer 50%
- Extended response 30%

UNIQUE FEATURES OF THIS COURSE

In Year 12, students undertake a Major Textiles Project, which accounts for 50% of their HSC mark.

This course places a strong emphasis on both theoretical knowledge and practical skills. This project allows students to choose from one of five focus areas, enabling them to study a topic that interests them.

Please note, there is a \$40 contribution for this course.

EXPLORING EARLY CHILDHOOD

FACULTY
TAS

UNITS
2

TYPE
Content Endorsed Course

Non-ATAR

Students thinking about a career within the Childcare or Child service industries will benefit from studying this course. It supports the learning of the Certificate III in Childcare which can be studied at TAFE. Students with an interest in child health and welfare will benefit from it also.

There is no HSC exam component – all assessment is school based.

PRE-REQUISITES

There are no formal pre-requisites for this course, however, it is an advantage if students have an interest in this area.

COURSE DESCRIPTION

YEAR 11

- Pregnancy And Childbirth
- Child Growth And Development
- Promoting Positive Behaviour
- Children's Literature
- Assessments will typically include:
- Interview and Research Report
- Creative Practical Task
- Preliminary Examination

YEAR 12

- Food And Nutrition
- Young Children with Special Needs
- Child Health and Safety
- Starting School
- Children Of Aboriginal & Torres Strait Islander Communities
- Play & The Developing Child

In the HSC Course, assessments will typically include:

- Case Study
- Research Report
- Observation and lesson plan

There are no HSC examination requirements.

UNIQUE FEATURES OF THIS COURSE

Exploring Early Childhood has an emphasis on the real world concepts of parenting and raising children. Students visit local organisations which play a role in the lives of young children. Practical experiences and activities are utilised at every opportunity to promote the engagement and learning of early childhood matters.

VET COURSES

Refer to end of booklet for information on these TAS VET course:

- Hospitality - Food & Beverage
- Hospitality - Cookery

CAPA

Creative and Performing Arts (CAPA) aims to engage, inspire and enrich learners through exciting the imagination and encouraging every student to reach their creative and expressive potential. Through studying the arts, students can learn to explore and express themselves as they discover and interpret the world around them. The arts contribute to the development of confident and creative individuals with the capacity to think for themselves.

The CAPA faculty at Callaghan College Jesmond Campus ensures that all students are taught by professional, competent staff, who are experts in their field. Our aim is to provide dynamic learning experiences in a supportive and enjoyable environment. We value creativity and independent learning and this is reflected in flexible teaching programs designed to meet the needs of individual students.

Our focus is on building foundational knowledge and skills that enhance employment opportunities and provide pathways to further study.

FACILITIES

In 2020, the creative and performing arts faculty moved into the new Callaghan College state of the art creative industries building consisting of:

- Black box theatre / classroom
- Collaborative teaching and learning spaces
- Dance Studio
- Digital photography studio
- Drama theatre
- Full performance theatre

EXTRA CURRICULAR OPPORTUNITIES

The Creative and Performing Arts faculty endeavours to provide the best opportunities for all students. We consistently provide extensive extracurricular programs including:

- Star Struck (dance, drama, music)
- Music Talent Development Program at Hunter TAFE
- Newcastle 'Surfest' digital media and photography team

HEAD TEACHER

Mrs Rebecca De Souza and Mr Jamie Mitchell

COURSES ON OFFER

DANCE

DRAMA

MUSIC 1

PHOTOGRAPHY, VIDEO & DIGITAL MEDIA

VISUAL ARTS

VISUAL DESIGN

MUSIC INDUSTRY (VET)

ENTERTAINMENT INDUSTRY (VET)

For more information on CAPA courses, visit the NESA website via the QR code below -



DANCE

FACULTY CAPA	UNITS 2
TYPE Board Developed Course	ATAR

This course is for students with a strong interest in performance and choreography who wish to explore creative expression and refine technical movement skills.

Students will be guided through the study of Dance as an art form across three interrelated components; Performance, Composition and Appreciation. Students will be assessed on practical, oral and written skills. The focus of this course is to develop technical skill, creativity, teamwork, confidence and critical thinking.

PRE-REQUISITES

Students of varying academic abilities can find success in this course; however all students must engage in solo dance performances.

Completion of Stage 5 Dance recommended but not essential and previous dance tuition in any dance genre is an advantage.

COURSE DESCRIPTION

Year 11

- Core Performance – Modern Contemporary Techniques and Safe Dance
- Core Composition – Choreography and Artistic Expression
- Core Appreciation – Dance History and Criticism.

Year 12

- Core Performance – Modern Contemporary Techniques and Safe Dance
- Core Composition – Choreography and Artistic Expression
- Core Appreciation – Dance History and Criticism
- Major Study

HSC examination requirements:

Practical Examinations 80%

- Core Performance (3–5 Solo Minute Dance and Interview) 20%
- Core Composition (3–5 Minute Dance and Interview) 20%
- Major Study (4–6 Minute Project of choice and Interview) 40%

Written Examination 20%

- Core Appreciation Essay 20%

UNIQUE FEATURES OF THIS COURSE

This course requires student to present a Major Study 40%. This individual project is negotiated between the student and the teacher at the beginning of the HSC Course and can be in one of the following areas; Performance, Composition, Appreciation or Film and Video.

Students will be given a range of performance opportunities including, Star Struck, Hunter Dance Festival, State Dance Festival, Schools Spectacular, CAPA Showcases and events.

DRAMA

FACULTY CAPA	UNITS 2
TYPE Board Developed Course	ATAR

This course is designed for students with an interest in Drama, regardless of their past dramatic experience. Students may have a performance background or be beginners with little knowledge of Drama. Students are given the opportunity to perform individually and in groups, and they are encouraged to appreciate the rich dramatic tradition of various cultures by watching, writing, and performing.

PRE-REQUISITES

Students of varying academic abilities can find success in this course, however students need to be competent in English and prepared to perform individually as well in group situations.

Drama involves detailed study of theoretical components and practical work and allows a wide range of choice within the course. Students can maximise marks in areas where they show skill and interest.

COURSE DESCRIPTION

Year 11

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

Year 12

- Group Performance
- Individual Project: performance, script-writing, costume design, lighting design, set design, promotion and programme, critical review
- Australian Drama and Theatre (two compulsory texts)
- Significant Plays of the 20th Century (two compulsory texts)

HSC examination requirements:

- HSC written examination (1 ½ hours) comprising of two essays.
- Group Presentation/Performance
- Individual Project

UNIQUE FEATURES OF THIS COURSE

Drama offers students a unique opportunity to collaborate with peers to transform ideas in theatre.

Students are offered multiple opportunities to participate in extra-curricular activities including Theatresports Schools Challenge, Stage 6 Hunter Student Study Days, State Drama Camp, performances in school events- CAPA Showcase, assemblies, leading transition activities for younger Drama students and various excursions to theatrical productions.

MUSIC 1

FACULTY
CAPA

UNITS
2

TYPE
Board Developed Course

ATAR

This course is for all students with an interest in all types of music regardless of their past musical experience. Students may already be proficient musicians, or beginners with little or no prior knowledge. Many students in the course will be very talented musicians.

The course caters for all students to explore their musical tastes. Music 1 is for students who would like to perform, discuss, and create music.

There are no essays in the HSC Examination and 70% of the HSC Examination is a Practical Examination.

PRE-REQUISITES

There are no pre-requisites, however all students will be required to sing or play a musical instrument in this Music 1 Course, so it is highly advised that students have some technical training and/or performance experience.

COURSE DESCRIPTION

In Music 1 students perform and create both individually, and as part of an ensemble. Students explore the concepts of music through class discussion, critical listening and activities relating to a range of styles and genres. Students compose music and explore identification of key signature, chord building and modal composition.

Year 11

- Music for TV film radio and multimedia
- Australian Music
- Music for small ensembles

Year 12

- Music of the 20/21st century
- An Instrument and its Repertoire
- Rock/pop music

HSC examination requirements:

- Core performance 20%
- Elective 1 20%
- Elective 2 20%
- Elective 3 20%
- Aural listening exam extended responses: 30%

UNIQUE FEATURES OF THIS COURSE

Students MUST perform at least 1 piece for the HSC exam, then students select 3 elective components:

- Performance
- Composition
- Viva voce(musicology).

Students can select any combination of the 3 elective components meaning a strong performer can perform 4 pieces and complete the aural listening exam.

PHOTOGRAPHY, VIDEO & DIGITAL IMAGING

FACULTY
CAPA

UNITS
2

TYPE
Board Endorsed Course

Non-ATAR

Photography is intended for students with an interest in the practical nature of photography, video and and a desire to further these skills.

The course emphasises a hands-on approach, allowing students to explore various photography techniques, including portraiture, object photography, street photography, sports photography, and journalistic photography.

There are no formal exams; however, students will be required to conduct small critical analyses and historical investigations.

Students will learn to use industry-standard software such as Adobe Photoshop, Premiere Pro, and After Effects in a dedicated editing room equipped with both MAC and PC computers. This course can lead to further studies at TAFE and Universities.

PRE-REQUISITES

There are no pre-requisites for this course.

COURSE DESCRIPTION

Year 11 Topics

- Creating Images- Understand the basics of photography, including exposure, aperture, ISO, and composition.
- Moving Pictures- Explore the principles of cinematic storytelling
- Photoshoots- Studio lighting, focusing on the fashion industry

Year 12 Topics

- Stop Animation- Understand stop animation techniques, including rotoscoping
- The Beach- Explore action photography through live events and beach locations.
- Promotions- Learn promotional strategies and website creation to establish a photography business
- The Portfolio- Present a final portfolio to industry professionals

HSC examination requirements:

There are no formal examinations for this subject.

UNIQUE FEATURES OF THIS COURSE

This course invites students to embark on a creative journey through the world of photography, utilising the school's DSLR cameras, various lenses, and studio lighting facilities.

Through practical activities, including street photography and excursions to Newcastle for filming, students will develop their skills and showcase their work at school events, including serving as key photographers for special occasions like Surfest and school musicals.

VISUAL ARTS

FACULTY
CAPA

UNITS
2

TYPE
Board Developed Course

Visual Arts involves students in the practices of artmaking, art criticism and art history. Students will experience a variety of materials and techniques to create works including exploring drawing, painting, digital art and 3D work. Students develop their own artworks culminating in a 'Body of Work' in the HSC course that reflects students' knowledge and understanding of art making practice and which demonstrates their ability to resolve a conceptually strong work.

Students critically investigate works, critics, historians, and artists from Australia as well as those from other cultures, traditions, and times.

The Year 11 course is broad, while the HSC course provides for deeper, increasingly more independent investigations and case studies. While the course builds on Visual Arts courses in Stage 4 and 5, it also caters for students with more limited experience in Visual Arts.

PRE-REQUISITES

No pre-requisite required however previous study and skills gained in Visual Arts, Photo-Media, History and English could be beneficial.

COURSE DESCRIPTION

Learning experiences in Year 11 focus on:

- The frames and how students might develop their own informed points of view
- The nature of practice in artmaking, art criticism and art history through different investigations.
- The role and function of artist's artwork, the world and audiences in the art world.
- How students may develop meaning, focus and interest, in their work.
- Experiencing a variety of materials and techniques to create works including exploring drawing, painting, digital art and 3D work.

Learning experiences in Year 12 focus on:

- How students may develop their own informed points of view in increasingly more important ways using frames, the relationship between artist, artwork, world and audience within the artworld.
- How students may develop their own practice of artmaking, art criticism and and art history applied to selected areas of interest.

HSC examination requirements:

- Practical Body of Work 50 %
- Theoretical Written Examination 50% -
 - Section I – short answer questions 25 %
 - Section II – one extended response essay question 25%

UNIQUE FEATURES OF THIS COURSE

The development of a Body of Work involves the use of a process diary. A minimum of five case studies will be required for the HSC with a recommended 4-10 hours each.

VISUAL DESIGN

FACULTY
CAPA

UNITS
2

TYPE
Board Endorsed Course

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

The course is hands-on in focus and involves the exploration of both digital and tradition 2D and 3D materials. There are no formal examinations though small critical and historical investigations are required.

PRE-REQUISITES

No Pre-requisite Required. The course provides a basic introduction to visual design which can complement study in the visual arts and other learning areas.

COURSE DESCRIPTION

Year 11

- Wearable Design
- Graphic Design (Book Illustration)
- Jewellery Design & Accessories
- Interior Design

Year 12

- Structures and Environments
- Package Design
- Industrial Product
- Publications & Information

HSC examination requirements:

No formal examination. Students are assessed at the end of each module culminating in a display or folio of their best design work. Tasks consist of:

- Designing and Making 70%
- Critical and Historical Studies 30%

UNIQUE FEATURES OF THIS COURSE

Unique features of the course include opportunities for collaboration with industry professionals, exposure to real-world design challenges, and the integration of technology in the design process.

Through this dynamic curriculum, students will cultivate their artistic talents and prepare for further study or careers in the creative industries.

VET COURSES

Refer to end of booklet for information on these CAPA VET course:

- Entertainment Industry
- Music Industry

VET and SBAT

It is important that every student enrolled at Callaghan College Jesmond has a pathway to further education, training, employment and lifelong learning.

VOCATIONAL EDUCATION AND TRAINING

Our school supports all students in achieving their HSC goals by offering a range of VET courses which enable students to achieve an ASQA Statement of Attainment, Certificate I, II or III, depending on the particular course studied, and contribute units towards their HSC.

Our highly experienced teaching staff paired with our specialised training facilities makes Callaghan College one of the top providers of Vocational Education and Training in New South Wales.

SCHOOL BASED APPRENTICESHIP AND TRAINEESHIP (SBAT)

Callaghan College Jesmond Senior Campus is the largest facilitator of School Based Traineeships and Apprenticeships in New South Wales.

The SBAT program allows students to commence an apprenticeship or complete a traineeship while at school through combining paid work, training and school. Students gain an industry-recognised national qualification and achieve credit towards the HSC, while some apprenticeships and traineeships even contribute towards an ATAR.

SBATs work the equivalent of one day per week, while studying for their HSC. The formal off the job training generally contributes 4 - 6 units towards the HSC. They are also enrolled in the Board Endorsed 2 unit course, Industry-Based Learning.

HEAD TEACHER

Ms Pam Long

COURSES ON OFFER

HOSPITALITY - COOKERY (VET)

HOSPITALITY - FOOD & BEVERAGE (VET)

MANUFACTURING & ENGINEERING (VET)

CONSTRUCTION (VET)

FURNITURE MAKING (VET)

INFORMATION & DIGITAL TECHNOLOGY (VET)

BUSINESS SERVICES (VET)

RETAIL SERVICES (VET)

MUSIC INDUSTRY (VET)

ENTERTAINMENT INDUSTRY (VET)

SPORT COACHING (VET)

For more information on VET and SBAT courses, visit the NESA website via the QR code below -



HOSPITALITY - COOKERY

FACULTY
TAS

UNITS
2

TYPE
Certificate II

ATAR Optional

This course is designed for students who wish to develop knowledge and skills to commence a career in food preparation and cookery tasks in a commercial kitchen.

Students with an interest in food will benefit from the skills learnt in this course. Each week students will be involved in the practical application to support theory work.

Potential job roles include chef, catering manager, restaurant manager.

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

Year 11 Topics

- Participate in safe work practices
- Interact with customers
- Use hygienic practices for food safety
- Participate in safe food handling
- Preparation and present sandwiches
- Show social and cultural sensitivity

Year 12 Topics

- Clean kitchen premises and equipment
- Receive, store and maintain stock
- Packaged prepared foodstuffs
- Use food preparation equipment
- Prepare and present simple dishes
- Prepare dishes using basic methods of cookery
- Work effectively in a commercial kitchen

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement.

HSC VET courses are competency-based. Students' complete units of competency to achieve SIT20421 Certificate II in Cookery.

HSC EXAMINATION REQUIREMENTS

There is an optional HSC examination for ATAR purposes which is only available after completion of the 240 hour course.

UNIQUE FEATURES OF THIS COURSE

Industry standard uniform is expected for practical classes – full chefs uniform including polishable leather shoes/boots. Please note, there is a \$100 contribution for this course.

This course will appeal to students keen to explore the hospitality industry from a restaurant and front of house service perspective. The Food and Beverage course is more focused on restaurant functions, customer service and beverage making with a smaller food focus. Most weeks students will be involved in a practical application of theory work.

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

Year 11 Topics

- Participate in safe work practices
- Interact with customers
- Use hygienic practices for food safety
- Participate in safe food handling
- Prepare and present sandwiches
- Show social and cultural sensitivity

Year 12 Topics

- Serve food and beverages
- Source and use information on the hospitality industry
- Work effectively with others
- Prepare and serve espresso coffee
- Use hospitality skills effectively
- Prepare and serve non-alcoholic beverages

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement.

HSC VET courses are competency-based. Students' complete units of competency to achieve SIT20322 Certificate II in Hospitality

HSC EXAMINATION REQUIREMENTS

There is an optional HSC examination for ATAR purposes which is only available after completion of the 240 indicative hour course.

UNIQUE FEATURES OF THIS COURSE

Industry standard uniform is expected for practical classes – full-service uniform including black apron, hat and shoes. Please note, there is a \$100 contribution for this course.

MANUFACTURING AND ENGINEERING

FACULTY
TAS

UNITS
2

TYPE
Certificate II

Non-ATAR

Working in the metal and engineering industry can include constructing, assembling, installing, modifying, repairing and maintaining machines, instruments and tools; designing machinery, parts, computer hardware and electronic circuits, using 3D graphics and drafting skills; managing clients and staff, overseeing quotes and information, leading projects.

Potential Job Roles: metal production assistant, sheet metal worker, machinist, equipment maintainer & repairer, plant mechanic, mechanical fitter, tool and die maker, mechanical and maintenance engineer.

HOSPITALITY - FOOD & BEVERAGE

FACULTY
TAS

UNITS
2

TYPE
Certificate II

ATAR Optional

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

Students study three core units on:

- Working safely and effectively in manufacturing and engineering
- Developing a career plan for the industry
- Undertaking a basic engineering project.

A selection of elective units (teacher determined) comprises the remainder of the course.

HSC EXAMINATION REQUIREMENTS

There is no HSC examination for this course.

You must complete 240 indicative hours of course work and a minimum of 35 hours work placement.

Manufacturing and Engineering counts as Board Endorsed unit credit for the HSC but does not contribute towards an Australian Tertiary Admission Rank (ATAR).

UNIQUE FEATURES OF THIS COURSE

Students will be expected to pay for the materials used in the production of practical projects.

HSC VET courses are competency-based. Students' complete units of competency to achieve Statement of Attainment towards MEM20422 Certificate II in Engineering Pathways

For this course you will require your own work boots and safety glasses.

Year 12 Topics

- Gaining practical industry experience
- Developing competency in construction tools
- Applying costing principles to basic projects
- WHS legislation, regulations, codes of practice and managing hazards and risks
- Organisational policies and procedures in construction workplaces
- Job safety analysis (JSA) and safe work method statements (SWMS)
- Quality assurance regulations and Australian Standards

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement in an appropriate construction work environment.

HSC EXAMINATION REQUIREMENTS

There is an optional HSC examination for ATAR purposes which is only available after completion of the 240 hour course.

The exam involves a written examination consisting of multiple-choice, short answers and extended response items.

UNIQUE FEATURES OF THIS COURSE

HSC VET courses are competency-based. Students' complete units of competency to achieve *CPC20220 Certificate II in Construction*.

Covered leather shoes are mandatory for practical lessons, and steel-capped work boots are required from the beginning of Term 2. Students will be expected to pay for the materials used in the production of practical projects

CONSTRUCTION

FACULTY	UNITS
TAS	2
TYPE	ATAR Optional
Certificate II	

The course offers practical, hands-on learning centred on the building and construction industry.

It covers a wide range of services; from planning and surveying to structural construction and finishing services such as painting and decorating. Occupational titles may include builder's labourer, painter and decorator, carpenter, tiler, joiner, bricklayer.

PRE-REQUISITES

There are no entry requirements for this qualification. It is an advantage if students have studied Industrial Technology as an elective course in years 9 and 10.

COURSE DESCRIPTION**Year 11 Topics**

- WHS requirements, policies, and procedures in the construction industry, including a White card
- Working effectively and sustainably
- Planning and organising work tasks
- Carrying out measurements and calculations
- Undertaking a basic construction project
- Use of a range of hand, battery, and power tools
- Interpreting basic plans and specifications

FURNITURE MAKING

FACULTY	UNITS
TAS	2
TYPE	Non-ATAR
Certificate II	

Furniture Making Pathways is for students who enjoy working with their hands, using tools, and solving practical problems. It suits those considering a career in furniture making, cabinet making, shopfitting, set design, or related fields within the furnishing and manufacturing industries.

PRE-REQUISITES

No prior experience is required. A willingness to work safely, follow instructions, and learn new skills in a practical environment is essential.

COURSE DESCRIPTION

Students study five core units on:

- Undertaking a basic furniture making project
- Developing a career plan for the industry
- Making measurements and calculations
- Participating in environmentally sustainable work practices
- Demonstrating care and applying safe practices at work

A selection of elective units (teacher determined) comprises the remainder of the course.

You must complete 240 indicative hours of course work and a minimum of 35 hours work placement in an appropriate work environment.

HSC EXAMINATION REQUIREMENTS

There is no HSC examination for this course. Furniture Making Pathways counts as Board Endorsed unit credit for the HSC but do not contribute towards an Australian Tertiary Admission Rank (ATAR).

UNIQUE FEATURES OF THIS COURSE

HSC VET courses are competency-based. Students' complete units of competency to achieve *MSF20522 Certificate II in Furniture Making Pathways*.

For this course you will require your own work boots and safety glasses.

Students will be expected to pay for the materials used in the production of practical projects.

Students may study Industrial Technology Timber and VET Furniture Making Pathways concurrently.

INFORMATION AND DIGITAL TECHNOLOGY

FACULTY TAS	UNITS 2
TYPE Certificate III	ATAR Optional

This course offers introductory training for working in the Information and Communications Technology (ICT) industry. Students develop skills in working with operating system software, diagnostic testing, software packages and the development of web pages. Computer applications include Microsoft Office and Adobe software such as Photoshop.

PRE-REQUISITES

There are no entry requirements for this qualification, however it is an advantage if students have studied Industrial Technology as an elective course in years 9 and 10.

COURSE DESCRIPTION

Students study four mandatory focus areas and a range of elective units of competency.

Mandatory focus areas are:

- Innovation
- Protecting data
- Safety
- Working in the industry

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement. It is permissible for up to 50% of the work placement requirement to be undertaken in a simulated work environment.

HSC EXAMINATION REQUIREMENTS

There is an optional HSC examination for ATAR purposes which is only available after completion of the 240 hour course.

The exam involves a written examination consisting of multiple-choice, short answers and extended response items.

UNIQUE FEATURES OF THIS COURSE

HSC VET courses are competency-based. Students' complete units of competency to achieve *ICT30120 Certificate III in Information Technology*.

Attainment of the Certificate III can provide an ATAR equivalent.

RETAIL SERVICES

FACULTY HSIE	UNITS 2
TYPE Certificate III	ATAR Optional

This course is designed for students who wish to develop knowledge and skills to commence a career and be an effective employee in the retail services and customer service industry.

Retail job roles include: sales assistant, retail supervisor, retail manager, visual merchandiser.

PRE-REQUISITES

There are no entry requirements for this qualification.

COURSE DESCRIPTION

Students study four mandatory focus areas and a range of elective units of competency.

Mandatory focus areas are:

- Customer Service
- Safety
- Working in the industry
- Sales and Security

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement.

HSC EXAMINATION REQUIREMENTS

There is an optional HSC examination for ATAR purposes which is only available after completion of the 240 hour course. The exam involves a written examination consisting of multiple-choice, short answers and extended response items.

UNIQUE FEATURES OF THIS COURSE

HSC VET courses are competency-based. Students' complete units of competency to achieve *SIR30216 Certificate III in Retail*.

Attainment of the Certificate III can provide an ATAR equivalent.

BUSINESS SERVICES

FACULTY
HSIE

UNITS
2

TYPE
Certificate III

ATAR Optional

This course is designed for students who wish to develop knowledge and skills to commence a career and be an effective employee in the business administration and support industry. The skills developed in this course are useful across a wide range of industry sectors and in daily life.

PRE-REQUISITES

There are no formal pre-requisites for this course.

The ability to touch type and basic knowledge of Microsoft Word and Excel would be an advantage.

COURSE DESCRIPTION

Students study four mandatory focus areas (containing 8 associated units of competency) and a range of elective units of competency.

Mandatory focus areas are:

- Innovation and technology
- Safety and Wellbeing
- Sustainability
- Working in the business services industry and workplace

HSC EXAMINATION REQUIREMENTS

The Higher School Certificate examination for Business Services is only available after completion of 240 indicative hours and will involve a written examination consisting of multiple-choice, short answers and extended response items.

UNIQUE FEATURES OF THIS COURSE

You must complete 240 indicative hours of course work and a minimum of 70 hours work placement.

HSC VET courses are competency-based. Students' complete units of competency to achieve *BSB30120 Certificate III in Business*.

Attainment of the Certificate III can provide an ATAR equivalent.

MUSIC INDUSTRY

FACULTY
CAPA

UNITS
2

TYPE
Certificate III

Non-ATAR

Music Industry reflects the role of individuals who apply a broad range of competencies in various work contexts in the music industry. They may work in music performance, sound production, music creation and composition, music business.

The job roles that relate to this qualification may include:

- Musician
- Assistant sound technician
- Assistant music manager
- Music producer
- Stagehand and road crew

PRE-REQUISITES

There are no formal pre-requisites for this course, however it is an advantage if students have studied Music as an elective course in years 9 and 10.

COURSE DESCRIPTION

Students study three core units on:

- Implement copyright arrangements
- Work effectively in the music industry
- Plan a career in the creative arts industry

A selection of elective units comprises the remainder of the course. You must complete 240 indicative hours of course work.

HSC EXAMINATION REQUIREMENTS

There is no HSC examination for this course.

Music Industry counts as Board Endorsed unit credit for the HSC but does not contribute towards an Australian Tertiary Admission Rank (ATAR).

UNIQUE FEATURES OF THIS COURSE

Students must complete 240 indicative hours of course work and a minimum of 70 hours work placement.

HSC VET courses are competency-based. Students' complete units of competency to achieve a *CUA30920 Certificate III in Music Industry*.

Attainment of the Certificate III can provide an ATAR equivalent.

ENTERTAINMENT INDUSTRY

FACULTY
CAPA

UNITS
2

TYPE
Certificate III

ATAR Optional

The entertainment industry itself is diverse and covers all aspects of the production of any type of live performance or event.

Occupational areas include audio, costume, front of house, lighting, make-up, props, scenic art, sets, staging and vision systems. There tends to be a high proportion of contract and casual work within the industry. There are many career choices across the entertainment industry. Some jobs are highly creative or technical, while others are management or customer service oriented. Expertise in technical production is sought after in a range of live performance and event contexts.

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

This course consists of:

- 7 mandatory focus areas (containing 7 associated units of competency)
- a range of elective units of competency

Students study core units on:

- Audio
- Lighting
- Customer service
- Safety
- Staging
- Vision
- Working in the entertainment industry and workplace

You must complete 240 indicative hours of course work.

HSC EXAMINATION REQUIREMENTS

The Higher School Certificate examination for Entertainment Industry 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.

UNIQUE FEATURES OF THIS COURSE

HSC VET courses are competency-based.

Students' complete units of competency to achieve a Statement of Attainment towards *CUA30420 Certificate III in Live Production and Technical Services*.

Students may undertake an optional Extension Course of 60 hours to achieve the *CUA30420 Certificate III in Live Production and Technical Services*.

A selection of elective units comprises the remainder of the course.

You must complete 240 indicative hours of course work.

HSC EXAMINATION REQUIREMENTS

Sports Coaching counts as Board Endorsed unit credit for the HSC but does not contribute towards an Australian Tertiary Admission Rank (ATAR).

Attainment of the Certificate III can provide an ATAR equivalent.

There is no HSC examination for this course.

UNIQUE FEATURES OF THIS COURSE

You must complete 240 indicative hours of course work and a minimum of 35 hours work placement prior to the completion of the course.

HSC VET courses are competency-based. Students' complete units of competency to achieve *SIS30521 Certificate III in Sport Coaching*.

SPORT COACHING

FACULTY
PDHPE

UNITS
2

TYPE
Certificate III

Non-ATAR

Sport Coaching provides a pathway to work in community coaching roles working or volunteering at community-based sport clubs and organisations in the Australian sport industry. This qualification allows students to develop their coaching skills.

There are numerous work placement opportunities offered to students. This includes coaching school students and community teams, officiating at a variety of carnivals and allowing the flexibility of choosing a placement of their choice once approved.

PRE-REQUISITES

There are no formal pre-requisites for this course.

COURSE DESCRIPTION

Students study six core units on:

- Apply business risk management processes
- Provide First Aid
- Participate in workplace health and safety
- Work in a community coaching role
- Meet participant coaching needs
- Continuously improve coaching skills and knowledge

COURSE CHOICES YEAR 11 2026

SUBJECT	UNITS	ATAR
ENGLISH		
English Advanced	2	✓
English Extension 1	1	✓
English Standard	2	✓
English Studies	2	✓
EAL/D	2	✓
MATHEMATICS		
Mathematics Advanced	2	✓
Mathematics Extension 1	1	✓
Mathematics Standard	2	✓
Mathematics Numeracy	2	x
Software Engineering	2	✓
Enterprise Computing	2	✓
SCIENCE		
Biology	2	✓
Chemistry	2	✓
Earth and Environmental Science	2	✓
Investigating Science	2	✓
Physics	2	✓
HSIE		
Aboriginal Studies	2	✓
Ancient History	2	✓
Business Studies	2	✓
Economics	2	✓
Geography	2	✓
Legal Studies	2	✓
Modern History	2	✓
Society and Culture	2	✓
Studies of Religion II	2	✓
Work Studies	2	x
Work Studies - Aboriginal History & Culture	2	x
LANGUAGES		
French Beginners	2	✓
German Beginners	2	✓
PDHPE		
Community and Family Studies	2	✓
Health and Movement Science	2	✓
Sports, Lifestyle and Recreation	2	x

SUBJECT	UNITS	ATAR
TAS - INDUSTRIAL ARTS		
Design & Technology	2	✓
Engineering Studies	2	✓
Industrial Technology Graphics	2	✓
Industrial Technology Metal	2	✓
Industrial Technology Timber	2	✓
TAS - HOME ECONOMICS		
Exploring Early Childhood	2	x
Food Technology	2	✓
Textiles and Design	2	✓
CAPA		
Dance	2	✓
Drama	2	✓
Music 1	2	✓
Photography, Video & Digital Imaging	2	x
Visual Arts	2	✓
Visual Design	2	x
VET & SBAT		
Business Services	2	✓
Construction	2	✓
Hospitality - Cookery (Kitchen Operations)	2	✓
Hospitality - Food & Beverage	2	✓
Entertainment Industry	2	✓
Furniture Making	2	x
Information & Digital Technology	2	✓
Manufacturing & Engineering	2	x
Music Industry	2	x
Retail Services	2	✓
Sport Coaching	2	x
ACCELERATED COURSES (CURRENTLY STUDYING)		
Construction - Accelerated	2	✓
Sport Coaching - Accelerated	2	x
Manufacturing & Engineering - Accelerated	2	x

CHOOSE A PATHWAY - LIST YOUR IDEAS BELOW

ASPIRE		UNIVERSITY		HSC	
IBL		FAST TRACK		IGNITE	
ATAR		Non-ATAR		LIFE SKILLS	
Please select the level of English you would like to do then choose five (5) other courses in order of preference					
Course 1: English					
English Advanced ATAR	English Standard ATAR	English Studies	English EAL/D		
Course 2:			1st Reserve:		
Course 3:			2nd Reserve:		
Course 4:			3rd Reserve:		
Course 5:			Extension Course:	English Ext 1	Maths Ext 1
Course 6:					
EVET Course:					
EVET Interview:					

NOTES

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**CALLAGHAN
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