



This document details the subjects available for Year 11 (2025) students. It is intended as a guide for families to help with submitting subject preferences. This guide should be used in conjunction with family discussion as well as discussions with teachers, the Careers Centre and other students as appropriate.

#### There are five sections:

- Overview of subject offerings
- Subject preferences submission process
- VCE overview
- VCE Units 1 and 2 subjects
- Accelerated subjects

#### **Overview of Subject Offerings**

In Year 11, students have more choice with regards to the subjects they study, as their entire program becomes the Victorian Certificate of Education, governed by the Victorian Curriculum and Assessment Authority, as outlined on the following page. Students at Brighton Grammar School are required to complete two compulsory categories of subjects. Students must enrol in:

- English or English as an Additional Language (EAL)
- At least one Mathematics subject

If a student applies and is successful in their application to complete a Units 3 and 4 subject (through meeting the criteria and completing an application form) then this will count as one of their subjects. Details of this are outlined in the VCE overview section.

#### **Subject Preferences Submission Process**

A link and instructions will be sent through email to parents with information on the submission process. Submission is completed online. Students are asked to nominate reserve subjects and these should be considered carefully as occasionally these are allocated dependent on timetable requirements.

Students will have completed Morrisby Testing in Year 10 and had a follow up conversation with a Careers Counsellor to help guide their preferences. Additionally, these students will have an opportunity to meet with their Head of House to discuss their subject preferences.

When submitting subject preferences, an understanding of possible courses and careers is important. Career and course advice is available from the Careers Centre in Student Services. Students should check prerequisites for courses by clicking here (<a href="http://www.vtac.edu.au/who/meeting-prerequisites.html">http://www.vtac.edu.au/who/meeting-prerequisites.html</a>) or make an appointment with the BGS Careers Counsellor.



#### **VCE Overview**

The Victorian Certificate of Education (VCE) is the certificate that the majority of students in Victoria receive on satisfactory completion of their secondary education. The VCE provides diverse pathways to further study or training at university or TAFE and to employment.

Students at Brighton Grammar School complete their VCE studies primarily over their last two years of secondary schooling. VCE studies are broken into units which are completed over one semester each. For example, English Units 1 and 2 are completed in Year 11 and English Units 3 and 4 are completed in Year 12. Students typically complete:

- Year 11: Six Units 1 and 2 subjects
- Year 12: Five Units 3 and 4 subjects (undertaken as a sequence together)

Students are permitted to apply to complete one accelerated subject (eg. completing a Units 3 and 4 subject in Year 11) but must meet criteria as outlined in the accelerated subjects section. A student who is a native or background speaker of a language other than English may complete an accelerated subject in this language in addition to one other accelerated subject if their application is successful. Successful application to complete a Units 1 and 2 VCE subject in Year 10 does not guarantee a student will proceed to Units 3 and 4 in Year 11. Students must maintain a high standard in line with the original criteria for application which is evaluated through a similar application process.

The application process for acceleration is separate to the on-line preference system. Students should complete their on-line preferences and the separate application for acceleration without making any assumptions about the success of acceleration.

Details of the requirements for acceleration are outlined on the later pages. Any student wishing to complete a VCE subject outside of BGS must seek approval from Mr Sanders. This includes students wishing to study a language not offered at Brighton Grammar School.

Students wishing to apply for exemption from the typical VCE structure delivered at BGS should first discuss this with their Head of House.

For more detail about the structure and procedures involved with the VCE, see the VCE Handbook. It is possible to take a Vocational Education and Training (VET) program as part of the VCE. More information about VET subjects can be found here:

https://studentcareers.brightongrammar.vic.edu.au/?page=vocational-education-and-training



#### Units 1 & 2 VCE Subjects

Note: Accelerated subjects (VCE Units 3 & 4) are outlined on the next page.

Faculty	Subject	Compulsory	
	English	Select at least	
English	English as an Additional Language	one	
	Literature		
Mathematics	General Mathematics	Select one	
	Mathematical Methods	Select one	
	Specialist Mathematics		
Creative and Performing Arts	Creative Practice (Art)		
	Drama		
	Media		
	Music Performance		
	Product Design and Technology		
	Visual Communication and Design		
Health, Physical Education, Wellbeing,	Health and Human Development		
Philosophy, Ethics and Belief	Physical Education		
Humanities	Accounting		
	Business Management		
	Classical Studies		
	Economics		
	Geography		
	Legal Studies		
	Modern History		
	Politics		
Languages	Chinese First Language		
	Chinese Second Language		
	Chinese Second Language Advanced		
	French		
	Japanese		
	Latin		
Science	Biology		
	Chemistry		
	Physics		
	Psychology		



#### **Accelerated Subjects: Criteria**

To apply for acceleration (into a VCE Units 3 & 4 subject) the below criteria must be met:

- 75% average grade (over an entire semester or term report)
- Subject specific criteria (see table below)

Approval of applications are provisional and dependent on continuing to meet the criteria.

Faculty	Head of Faculty	Units 3 & 4 Subject	Subject Specific Criteria	
Science	Ms Bjarnelind	Biology	80% in Year 10 Science	
		Psychology		
		Physics	70% in Unit ½ Physics <b>or</b> 85% in Extension Mathematics <b>or</b> 80% in Unit ½ Math Methods	
Mathematics	Mr Humberstone	General Mathematics	70% in Year 10A Extension Mathematics <b>or</b> 85% in Year 10A Mathematics	
		Mathematical Methods	85% in Units 1 & 2 Mathematical Methods	
Humanities	Ms Stoneman	Accounting	No additional requirements	
		Business Management		
		Classical Studies		
		Geography		
		History Revolutions		
		Global Politics		
		Economics	80% in Year 10 English	
		Legal Studies		
Creative and Performing Arts	Mr Watson	Music Performance	Musical performance test with the Music Department	
		Visual Communication and Design	80% in Year 9 <b>or</b> Year 10 Visual Communication and Design	
Languages	Ms Faulkner	Chinese (First Language and Second Language Advanced)	Speaking interview with Ms Yan	
Health, Physical Education, Wellbeing,	Mr Whitehead	Health and Human Development	No additional requirements	
Philosophy, Ethics and Belief		Physical Education	75% in Year 10 English <b>and</b> Year 10 Science	



### Accounting Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

VCE Accounting explores the financial recording, reporting, analysis and decision-making processes of a sole proprietor small business. Students study both theoretical and practical aspects of accounting. They collect, record, report and analyse financial data, and report, classify, verify and interpret accounting information. This is completed using both manual methods and information and communications technology (ICT).

This data and information is communicated to internal and external stakeholders and is used to inform decision-making within the business with a view to improving business performance. Accounting plays an integral role in the successful operation and management of businesses.

#### **SKILLS TO BE DEVELOPED**

- Collection and sorting of financial and nonfinancial data
- Classification of financial data
- Recording and reporting of financial data
- Analysing data and providing advice to business owners
- Critical thinking

#### **Assessment**

Assessment tasks may include:

- Topic tests
- Practical reports
- Examinations

#### Prerequisites for subject

No prerequisites

- Accountant
- Actuary
- Auditor
- Finance Manager
- Financial Planner
- Investment Analyst
- Liquidator and Receiver
- Stockbroker
- Systems Accountant
- Treasurer



### Biology Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

This course introduces students to cell theory where the cell as the functional unit of life is examined from single celled to multicellular organisms. The requirements needed for sustained cellular processes, multicellular organism adaptations, digestive system anatomy, homeostatic mechanisms and cellular reproduction strategies are explored. Students also learn to use chromosome theory from classical genetics to interpret and predict genetic outcomes using well established rules for genetic inheritance.

#### **SKILLS TO BE DEVELOPED**

- Microscope and cell preparation techniques
- Scientific writing
- Conducting investigations and collecting data
- Analysing data and relating this to studied theories
- Drawing evidence-based conclusions
- Planning investigations
- Developing research questions
- Ability to apply biological knowledge to unfamiliar and complex biological systems

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- · Research projects
- Practical reports
- Designing and conducting an extended investigation
- Examinations (mid-year and end of year)

#### Prerequisites for subject

 No prerequisites. A score of at least 65% in Year 10 Science is desirable

- Anatomist
- Biochemist
- Biotechnologist
- Ecologist
- Geneticist
- Immunologist
- Marine Biologist
- Medical Professional
- Microbiologist
- Molecular Biologist
- Physiologist
- Physiotherapist
- Research Scientist
- Sports Scientist
- Virologist
- Zoologist



### **Business Management Units 1 & 2**

Each unit is completed over a semester.

#### **Focus of course**

Businesses of all sizes are major contributors to the economic and social wellbeing of a nation. How businesses are formed and the fostering of conditions under which new business ideas can emerge are vital for a nation's wellbeing. Taking a business idea and planning how to make it a reality are the cornerstones of economic and social development.

In this unit students explore the factors affecting business ideas and the internal and external environments within which businesses operate, and the effect of these on planning a business.

#### **SKILLS TO BE DEVELOPED**

- Developing research questions
- Research and analyse case studies and contemporary examples of business management
- Apply business management knowledge to practical and/or simulated business situations.
- Identify business opportunities
- Define, describe and apply relevant business management concepts and terms
- Acquire, record, interpret and share business information and ideas
- Explain the benefits and costs of corporate social responsibility management practices with respect to business planning
- Develop and construct business plans
- Discuss the decisions made in response to the internal factors that affect a business

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Examinations

#### Prerequisites for subject

No prerequisites

- Advertising Executive
- Brand Manager
- Business Systems Analyst
- Employee Relations Manager
- Finance Manager
- Human Resource Manager
- Logistics and Supply Chain Manager
- Marketing Manager
- Public Relations Officer
- Risk and Compliance Officer



### Chemistry Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

This course introduces students to concepts around elements and atomic structure, with an aim to explore and explain the relationships between properties, structure and bonding forces within and between atoms and molecules. Students will also work with quantifying matter and making calculations using symbols and formula. Further, they will investigate the properties of water with relation to structure, bonding, properties, pH, chemical reactions and learn about ways to analyse samples of water.

#### **SKILLS TO BE DEVELOPED**

- Developing research questions
- Planning investigations
- Conducting investigations and collecting data
- Analysing data and relating this to studied theories
- Drawing evidence based conclusions
- Using mathematical formula and relating those formula to experimental observations
- Connecting models of chemistry with observable phenomena

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Research project
- Practical reports
- Designing and conducting an extended investigation

#### Prerequisites for subject

 No prerequisites although a score of at least 70% in Year 10 Science is recommended

- Biochemist
- Chemical Engineer
- Dietitian
- Food Technologist
- Forensic Scientist
- Geneticist
- Materials Engineer
- Medical Practitioner
- Pharmacist/Pharmaceutical Scientist
- Veterinarian



### Chinese First Language Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

The study of VCE Chinese First Language contributes to the overall education of students, most particularly in the area of communication, but also in the areas of cross-cultural understanding, cognitive development, literacy and general knowledge. It provides access to the cultures of communities which use the language, and promotes understanding of different attitudes and values within the wider Australian community and beyond.

#### **SKILLS TO BE DEVELOPED**

- Ability to use Chinese to communicate with others
- Communicate with others in Chinese in interpersonal, interpretive and presentational contexts
- Understanding and appreciation of their own and other cultures
- Understanding of language as a system
- Potential to apply Chinese to work, further study, training or leisure

#### **Assessment**

Assessment tasks may include:

- School-based Assessment Coursework (SACs)
- Oral presentation, conversations and discussion
- · Listening and responding
- Reading and responding
- Text analysis in Chinese
- Written responses in Chinese

#### Prerequisites for subject

No prerequisites

- International Business Manager
- International Finance
- International Relations/Diplomacy
- Investment Analyst
- Language Teacher
- Lawyer (International law)
- Linguisi
- Translating and interpreting
- Travel Consultant



### Chinese Second Language Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

VCE Chinese Second Language focuses on student participation in interpersonal communication, interpreting the language of other speakers, and presenting information and ideas in Chinese on a range of themes and topics. Students develop and extend skills in listening, speaking, reading, writing and viewing in Chinese in a range of contexts and develop cultural understanding in interpreting and creating language.

Students develop their understanding of the relationships between language and culture in new contexts and consider how these relationships shape communities. Throughout the study, students are given opportunities to make connections and comparisons based on personal reflections about the role of language and culture in communication and in personal identity.

#### **SKILLS TO BE DEVELOPED**

- Communicate with others in Chinese in interpersonal, interpretive and presentational contexts
- Compare cultures and languages and enhance intercultural awareness
- Learn about language as a system and themselves as language learners
- Make connections between different languages, knowledge and ways of thinking

#### **Assessment**

Assessment tasks may include:

- Oral presentation, conversations and discussion
- · Listening and responding
- · Reading and responding
- Text analysis in Chinese
- Written responses in Chinese

#### Prerequisites for subject

Completion of Year 10 Chinese

- Customs and Border Protection Officer
- Foreign Correspondent
- Hotel Manager
- International Business Manager
- International Relations/Diplomat
- Interpreter
- Language Teacher
- Lawyer (International law)
- Linguist
- Travel Consultant



# Chinese Second Language Advanced Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

The study of VCE Chinese Second Language Advanced contributes to student personal development in a range of areas including communication skills, intercultural understanding, cognitive development, literacy and general knowledge. Learning and using an additional language encourages students to examine the influences on their perspectives and society, and to consider issues important for effective personal, social and international communication. It enables students to examine the nature of language, including their own, and the role of culture in language, communication and identity.

By understanding the process of language learning, students can apply skills and knowledge to other contexts and languages. Learning a language engages analytical and reflective capabilities and enhances critical and creative thinking.

#### **SKILLS TO BE DEVELOPED**

- Communicate with others in Chinese in interpersonal, interpretive and presentational contexts
- Understand the relationship between language and culture
- Learn about language as a system and themselves as language learners
- Understand and appreciate the cultural contexts in which Chinese is spoken

#### **Assessment**

Assessment tasks may include:

- School-based Assessment Coursework (SACs)
- Oral presentation, conversations and discussion
- · Listening and responding
- Reading and responding
- · Text analysis in Chinese
- · Written responses in Chinese

#### Prerequisites for subject

• No prerequisites

- Customs and Border Protection Officer
- Foreign Correspondent
- Hotel Manager
- International Business Manager
- International Relations/Diplomat
- Interpreter
- Language Teacher
- Lawyer (International law)
- Linguist
- Travel Consultant



### Classical Studies Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

A multidisciplinary subject, Classical Studies is the study of the cultural material of ancient Greece and ancient Rome whose seminal works continue to influence our Western civilisation.

A knowledge of the ancient word provides great insight and training for a plethora of other subjects, whether scientific or artistic. In fact, Classical Studies is one of the best subjects for acquiring transferable skills for life beyond school, since students gain career flexibility by developing skills in research, writing, critical analysis and communication.

By studying classical works of ancient Greece, students will explore the composition and nature of ancient Greek society spanning from the Bronze Age through to the Classical period during the 5th Century BC. Deriving from literary, historical and architectural sources, these works provide the framework for analysis of several key aspects of ancient Greek society. In Unit One, students will explore the nature of ancient Greek myth, with its assortment of supernatural beings and heroes, followed by a study of archaeological sites such as Troy and Knossos, followed by a detailed analysis of the epic poem *The Odyssey*.

In Unit Two, through the lens of Classical Athens and Sparta, students will examine the aspects ancient Greek society itself, such as cultural practices and social customs, as well as landmark events including the Persian Wars and Peloponnesian Wars.

#### SKILLS TO BE DEVELOPED

- Written expression
- Textual analysis
- Critical analysis
- Public speaking
- Construction of arguments
- Evaluation and comparison skills
- · Persuasion and rhetoric skills
- Research and communication skills

#### **Assessment**

Assessment tasks may include:

- Short-answer tests
- Area of study tests
- Oral presentations
- Extended response questions
- Research essay
- Semester examination

#### **Prerequisites**

No prerequisites

- International relations
- Lawyer
- Journalist
- Consultant
- Diplomat
- Political Scientist
- Education
- Research Analyst Publisher



### Creative Practice (Art) Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

In Unit 1, students explore selected materials to understand how they relate to specific art forms and how they can be used in the making of artworks. The students' exploration and experimentation with materials and techniques stimulates ideas and inspires different ways of working. Their exploration and experimentation is documented in both visual and written form in a visual arts journal.

In Unit 2, student broaden their investigation to understand how artworks are displayed to audiences, and how ideas are represented to communicate meaning. Students respond to a set theme and progressively develop their own ideas. They consolidate these ideas to plan and make finished artworks. Students will additionally engage with exhibitions, whether in galleries, museums or site-specific spaces.

#### **SKILLS TO BE DEVELOPED**

- Developing skills with a range of media
- Planning artworks
- Conducting investigations with a range of media and art styles
- Analysing artworks using the Art Elements and Principles
- Developing visual analysis skills using visual thinking strategies
- Producing a visual diary and final resolved artworks
- Research subject matter appropriate to individual ideas in a visual diary

#### **Assessment**

Assessment tasks may include:

- Visual diary
- Finished artworks
- Developmental works
- Research essays
- Self-directed exploration

#### Prerequisites for subject

No prerequisites

- Advertising Creative Director
- Architect
- Photographer
- Artist
- Curator
- Animator
- Games Designer
- Graphic Designer
- Illustrator
- Performance Designer (set/special effects)
- Spatial Designer (interior/exterior/virtual)
- User Experience (UX) Designer



### Drama Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

Drama Units 1 & 2 focuses on the creation and performance of characters and stories that communicate ideas and meaning. Students learn to develop their public speaking skills, the ability to work in teams, how to express themselves creatively as well as boost their overall self-confidence. Students use creative processes, stimulus material and play-making techniques to develop and present devised work with a focus on Australian identity. Students learn a range of performance styles and contemporary drama practices and manipulate conventions, dramatic elements and production areas. They use performance and expressive skills to explore and develop role and character. Students also analyse the development of their own work and performances by other drama practitioners. Whilst Drama links to some rather specific careers, it fosters general skills that are applicable to various careers and can lead to excelling in a workplace or interview process.

#### **SKILLS TO BE DEVELOPED**

- Develop an understanding of drama as a way of communicating stories, ideas and meaning
- Examine contemporary drama practice, the work of selected practitioners and theorists and associated performance styles
- Devise, perform and evaluate solo and ensemble drama work
- Manipulate dramatic elements and production areas in devising and performing drama
- Develop and refine expressive and performance skills
- Develop skills as creative and critical thinkers

#### **Assessment**

Assessment tasks may include:

- Ensemble performances
- Solo performances
- Performance analyses
- Examinations

#### Prerequisites for subject

None; however, completion of Year 10
 Drama is recommended

- Acting Agent
- Actor: stage and screen
- Advertising Agent
- Costume or set design
- Director
- Lighting or Sound Technician
- Media Presenter
- Public Relations Officer
- Screen Writer/Scriptwriter
- Theatre Reviewer
- Any career that involves working with people or in teams



### **Economics Units 1 & 2**

Each unit is completed over a semester.

#### **Focus of course**

Unit 1: Students examine basic economic models where consumers and businesses engage in mutually beneficial transactions. Students also investigate the motivations and consequences of consumer and business behaviour.

Unit 2: Students focus on the possible trade-off between the pursuit of growth in incomes and production and the goal of environmental sustainability and long-term economic prosperity.

#### **SKILLS TO BE DEVELOPED**

- Define key economic concepts and terms and use them appropriately
- Apply economic theory to make economic predictions
- Gather and synthesise information from a wide range of sources to assess the effect of economic decisions on relevant stakeholders
- Construct, interpret and apply economic models to analyse the consequences of economic decisions
- Investigate and evaluate alternative viewpoints on economic issues

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Examinations

#### **Prerequisites for subject**

No prerequisites

- Auditor
- Commodities Trader
- Company Secretary
- Data Scientist
- Economist
- Financial Planner
- Importer/Exporter
- Investment Analyst
- Market Researcher
- Parliamentarian



### English Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

In Unit 1, students make personal connections with, and explore the vocabulary, text structures, language features and ideas in, a text. They develop their understanding of effective and cohesive writing through crafting their own texts designed for a specific context and audience to achieve a stated purpose; and they develop their ability to describe individual decisions made about the vocabulary, text structures, language features and conventions used during writing processes.

In Unit 2, students explore and analyse how the vocabulary, text structures, language features and ideas in a text construct meaning. They also explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience; and they construct a point of view text for oral presentation.

#### **SKILLS TO BE DEVELOPED**

- Develop an understanding of the world of the text
- Analyse the way authors construct meaning
- Understand how meaning is influence by the contexts in which a text is created and read
- Analyse the literary features used to construct the author's voice and style
- Compare ideas, issues, and themes in multimodal texts
- Use the conventions of discussion
- Analyse the way arguments are constructed to be persuasive
- Present to an audience using oral conventions
- Plan, draft, and edit written pieces using Australian Standard English

#### **Assessment**

Assessment tasks may include:

- · Creative responses to text
- Analytical responses to text
- Oral presentations
- Analysis of argument and persuasive language
- Examinations

#### Prerequisites for subject

No prerequisites



# English as an Additional Language (EAL) Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

EAL Units 1 & 2 focuses on extending students' English language skills through listening, speaking, reading and writing. Students study set texts from different genres and build their understanding of the cultural views and values presented in texts. They consider the way in which writers explore and present their ideas through language, form and structure.

Students consider the role of language in expressing ideas, further their own understanding through discussion and consider how language is used to persuade and position audiences. They make informed choices in their own analytical and creative texts and reflect on their own writing. Throughout the course, students develop their ability to make relevant connections between texts and their own world.

#### **SKILLS TO BE DEVELOPED**

- Considering and exploring the key elements of extended texts
- Using textual evidence, where appropriate, to support writing
- Writing with a clear purpose and an awareness of context and audience
- Generating ideas, and discussing, developing and elaborating on these ideas
- Summarising the key points in arguments using skills such as note-taking and annotation
- Identifying, exploring and applying the key elements of persuasive texts

#### **Assessment**

Assessment tasks may include:

- Analytical and creative responses to texts
- Analysis of a persuasive text
- Oral presentation
- Listening tasks

#### Prerequisites for subject

 Please refer to Head of EAL for details of eligibility to undertake EAL Units 1 & 2 studies. Typically, students will have successfully completed Year 10 EAL



### French Units 1 & 2

Each unit is completed over one semester.

#### Focus of course

French Units 1 & 2 focuses on student participation in interpersonal communication, interpreting the language of other speakers and presenting information and ideas in French on a range of themes and topics. Students develop and extend skills in listening, speaking, reading, writing and viewing in French in a range of contexts. They develop cultural understanding in interpreting and creating language. Students build their understanding of the relationships between language and culture in new contexts. They consider how these relationships shape communities. Throughout the course, students are given opportunities to make connections and comparisons based on personal reflections about the role of language and culture in communication and personal identity.

#### **SKILLS TO BE DEVELOPED**

- Interpersonal communication skill:
   Interaction with other speakers of the
   language in oral or written form. Responses
   will be in French across a range of contexts
- Interpretive communication skill:
   Interpretation and analysis of information obtained in French through listening and reading texts and visual materials that reflect some aspect of language or culture
- Presentational communication skill: Introducing cultural aspects associated with French-speaking communities to a specific audience in an informative and engaging way.

#### **Assessment**

Assessment tasks may include:

- Vocabulary quizzes
- Grammar guizzes
- Six school-based assessment tasks (SATs)

#### Prerequisites for subject

• Completion of Year 10 French

- Customs and Border Protection Officer
- Foreign Correspondent
- Importer/Exporter
- International Business Manager
- International Relations
- Interpreter
- Language Teacher
- Lawyer (International law)
- Linguist
- Travel Consultant



### General Mathematics Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

The General Mathematics Units 1 & 2 course involves the study of topics listed and described below. The areas of study are:

- Algebra and structure
- Arithmetic and number
- Discrete mathematics
- · Graphs of linear and non-linear relations
- Statistics

The topics studied in General Mathematics Units 1 & 2 form the base knowledge for Further Mathematics Units 3 & 4, and can be taken concurrently with Mathematical Methods Units 1 & 2 (although no knowledge from Maths Methods Units 1 & 2 is assumed). Students should have a sound knowledge of the content covered prior to commencing Further Mathematics.

#### **SKILLS TO BE DEVELOPED**

- Using the CAS calculator
- Understanding basic algebraic operations
- Investigating data analysis charts and statistical relationships
- Financial applications and recursion relations
- Matrix methods and calculations
- Networks and their applications

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Examinations
- Application tasks

#### Prerequisites for subject

No prerequisites

- Accountant
- Agricultural Scientist
- Construction Manager
- Economist
- Finance Manager
- Financial Planner
- Importer/Exporter
- Logistics and Supply Chain Manager
- Market Researcher
- Project Manager



### Geography Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

Geography Units 1 & 2 enables students to examine natural and human phenomena, how and why they change, their interconnections and the patterns they form across the Earth's surface. Unit 1 examines natural hazards across both a global and national scale, particularly focusing on earthquakes and bushfires. Unit 2 explores tourism, assessing and evaluating the impact of tourism on people, places and the environment. Both units contain days of fieldwork, allowing students to apply their knowledge to real life contexts outside of the classroom.

#### **SKILLS TO BE DEVELOPED**

- Development of a sense of wonder and curiosity about people, culture and environments throughout the world
- Development of knowledge and understanding of geographic phenomena at a range of temporal and spatial scales
- An understanding and application of geographic concepts to develop an ability to think and communicate geographically
- An understanding of the complexity of natural and human induced geographic phenomena across the Earth's surface
- The analysis of information and a capacity to make informed judgments and decisions about geographic challenges
- Ability to plan an effective fieldwork sequence in response to a chosen hypothesis

#### **Assessment**

Assessment tasks may include:

- End of topic tests
- Group presentations
- Fieldwork reports
- · Research projects and case studies

#### Prerequisites for subject

No prerequisites

- Agricultural Scientist
- Architect/Landscape Architect
- Conservation Officer
- Engineer
- Environmental Scientist
- Forester
- · Geographic Information Systems Officer
- Geologist
- Land and Property Economist
- Surveyor
- Urban and Regional Planner



### Health & Human Development Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

Students are introduced to health, wellbeing and illness in Australia and the various factors that can impact, both positively and negatively. Students have a particular focus on youth and early adulthood, looking into attitudes and practices across the nation and have an opportunity to pursue a particular area of interest in further detail.

Students also learn about the Australian healthcare system and various initiatives designed to promote health for all. Students further extend their capacity to investigate the challenges and opportunities presented by emerging health technologies such as artificial intelligence, robotics, nanotechnology, three-dimensional printing of body parts and use of stem cells.

#### **SKILLS TO BE DEVELOPED**

- Analyse and describe different dimensions of health and wellbeing
- Analyse data to describe and evaluate the current health status of populations
- Use research and data to identify social inequality and areas for improvement in youth health and wellbeing
- Discuss the long term impact of ill health on an individual and community.
- Evaluate and create initiatives designed to promote health and wellbeing
- Analyse the role of various organisations in promoting health of individuals and communities.
- Research and investigate issues surrounding emerging health procedures and technologies

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Visual or digital presentation
- Case studies
- Data analysis tasks

#### Prerequisites for subject

No prerequisites

- Audiologist
- Dietitian/Nutritionist
- Health Information Manager
- Health Promotion Practitioner
- Occupational Therapist
- Optometrist
- Osteopath
- Psychologist
- Speech Pathologist



### Japanese Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

Japanese Unit 1 & 2 students will learn how to use Japanese to communicate with others. They will compare cultures and language, enhancing their intercultural awareness. They will investigate a variety of cultural products and practices and appreciate the cultural contexts in which Japanese is used. In order to build fluency in students, the VCE Japanese classroom will be conducted largely in Japanese. Students will study Japanese grammar and vocabulary, and make connections between Japanese and English, and any other languages they speak, deepening and strengthening literacy in all of their languages.

#### **SKILLS TO BE DEVELOPED**

- Communicating in Japanese for a range of purposes including socialising, exchanging information, creating texts, interpreting from one language to another and reflecting on language experiences to improve communication in the future
- Students will focus on improving their ability to communicate using the five macro skills: listening, speaking, reading, writing and viewing
- Students will learn to produce a number of text-types including articles, essays, journal entries, letters and speeches

#### **Assessment**

Assessment tasks may include:

- Vocabulary and grammar quizzes
- Interpersonal communication oral tests
- Interpretive communication reading and listening tests
- Presentational communication writing tests

#### Prerequisites for subject

Successful completion of Year 10 Japanese

#### Possible career applications

Bilingualism is an advantage in every field. Specific examples include:

- Foreign Correspondent
- Importer/Exporter
- International Finance
- International Relations/Policy Development
- Interpreter
- Language Teacher/Education Consultant
- Lawyer (international law)
- Linguist
- Travel Consultant



### Latin Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

Using the Latin language as its medium, this course enables students to explore the literature, history and culture of Classical Antiquity. Alongside improving their linguistic capabilities, students will gain a rich understanding of the political and social landscape of the Roman Republic, with a particular focus on the 1st C. BC, as well as fabulous episodes from Classical mythology. Using works ranging from history, poetry and philosophy, students will begin to appreciate how the language transfers and expresses the values, beliefs and attitudes held by its people. In this way, students can expect to find parallels between modernity and the classical world, thereby finding wisdom and frames of references to use in contemporary matters.

#### **SKILLS TO BE DEVELOPED**

- Identify basic grammatical structures in Latin sentences
- Identify the accidence of Latin word
- Use and translate vocabulary appropriately
- Make changes to words within a Latin sentence to change grammatical structures
- Provide nouns and verbs appropriately declined or conjugated to suit the meaning of a sentence
- Make appropriate use of a dictionary
- Express Latin grammatical structures accurately in English
- Identify the main point in a passage of Latin
- Translate Latin sentences into accurate English
- Identify the author's purpose

#### **Assessment**

Assessment tasks may include:

- Vocabulary tests
- Interpersonal communication, class discussion, text reading and translation
- Unseen text translation tests
- Written responses to seen texts
- Outcome topic tests
- Examinations

#### Prerequisites for subject

• Successful completion of Year 10 Latin

- Editor
- Language Teacher
- Lawyer
- Linguist
- Media and Communication
- Medical Practitioner
- Policy Development
- Research Analyst
- Speech Pathologist
- Technical Writer



### Legal Studies Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

In Unit 1, students develop an understanding of legal foundations, such as the different types and sources of law and the existence of a court hierarchy in Victoria. Students investigate key concepts of criminal law and civil law and apply these to actual and/or hypothetical scenarios to determine whether an accused may be found guilty of a crime, or liable in a civil dispute. In doing so, students develop an appreciation of the way in which legal principles and information are used in making reasoned judgments and conclusions about the culpability of an accused, and the liability of a party in a civil dispute.

In Unit 2, students undertake a detailed investigation of two criminal cases and two civil cases from the past four years. They will then form a judgment about the ability of sanctions and remedies to achieve the principles of justice. Students develop their understanding of the way rights are protected in Australia and in another country, and possible reforms to the protection of rights. They examine a significant case in relation to the protection of rights in Australia.

#### **SKILLS TO BE DEVELOPED**

- Define key legal terminology
- Research and analyse relevant information about the sources and types of laws
- Explain the role of individuals, laws and the legal system in achieving social cohesion and protecting the rights of individuals
- Classify a law according to its source and type
- Assess whether a law is effective
- Explain the relationship between parliament and the courts, using examples
- Justify the existence of the Victorian court hierarchy
- Apply legal reasoning/principles to identify and argue the elements, possible defences and civil liability in relation to two actual and/or hypothetical scenarios

#### **Assessment**

Assessment tasks may include:

- Short answer questions
- · Extended response questions
- · Case study responses
- Written examinations

#### Prerequisites for subject

No prerequisites

- Criminologist
- Police Officer/Detective
- Journalist
- Politician
- Teacher/Lecturer
- Intelligence Officer
- Employee Relations
- Human Resource Manager
- International Relations
- Lawyer (Solicitor/Barrister)
- Media and Communication
- Mediator
- OH&S/Compliance
- Policy Development
- Research Analyst



### Literature Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

In Unit 1, students consider how language, structure and stylistic choices are used in different literary forms and types of text. They consider both print and non-print texts, reflecting on the contribution of form and style to meaning. Students reflect on the degree to which points of view, experiences and contexts shape their own and others' interpretations of text.

They closely examine the literary forms, features and language of texts. They begin to identify and explore textual details, including language and features, to develop a close analysis response to a text. Students also explore the concerns, ideas, style and conventions common to a distinctive type of literature seen in literary movements or genres

In Unit 2, students explore the voices, perspectives and knowledge of Aboriginal and Torres Strait Islander authors and creators. They also focus on the text in its historical, social and cultural context, and reflect on representations of a specific time period and/or culture within a text.

#### SKILLS TO BE DEVELOPED

- Develop and produce close analysis written and/or oral responses to texts
- Discuss how the literary forms, features and language of texts contribute to meaning
- Discuss how their own views, values and contexts influence their readings of texts
- Use evidence from texts to support a response
- Analyse and reflect on the ideas and concerns raised by texts typical of a movement or genre
- Engage with and explore Aboriginal and Torres Strait Islander perspectives, knowledge and storytelling
- Share and listen to stories within the context of Australian culture and landscapes
- Explore how a text enables an understanding of a specific time period and/or culture
- Develop and produce creative and/or analytical responses to texts

#### **Assessment**

Assessment tasks may include:

- Oral presentation
- Passage analysis
- Extended creative composition
- Reflective commentary
- Analytical essay

#### Prerequisites for subject

No prerequisites



### Mathematical Methods Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

This subject is designed to prepare students to study Mathematical Methods Units 3 & 4. It is rigorous and academic in nature and builds on a number of key topic areas tackled previously. Linear, quadratic and trigonometric functions are dealt with in a more formal and abstract manner. Algebraic manipulations are consolidated in the context of a number of new areas of study like logarithmic functions and calculus.

#### **SKILLS TO BE DEVELOPED**

- Linear and quadratic relations
- Gallery of graphs
- Functions and relations
- Transformations
- Polynomials
- Rates of change
- Probability
- · Exponential and logarithmic functions
- Circular functions
- Differentiation
- Counting and sampling

#### **Assessment**

Assessment tasks include:

- Quizzes
- Modelling tasks and investigations
- Examinations

#### Prerequisites for subject

Satisfactory performance in 10A
 Mathematics or 10A Extension Mathematics

- Actuary
- Astronomer
- Computer Programmer
- Engineer
- Investment Analyst
- Medical Practitioner
- Meteorologist
- Pilot
- Risk Manager
- Surveyor



### Media Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

In Unit 1 (Media Representations) students will develop their understanding of how media representations in a range of media products and forms from different periods of time, locations and contexts are constructed, distributed, engaged with, consumed and read by audiences. They will learn to use the media production process to design, produce, and evaluate media representations for specified audiences in a range of media forms. Students analyse how the structural features of Australian fictional and non-fictional narratives, in two or more media forms, engage and are consumed and read by audiences.

In Unit 2 (Narrative, Style and Genre) students will analyse the intentions of media creators and producers and the influences of narratives on the audience in different media forms. Students will apply the media production process to create, develop and construct narratives. Students will discuss the influence of new media technologies on society, audiences, the individual, media industries and institutions.

#### **SKILLS TO BE DEVELOPED**

- Media literacy
- Critical and analytical thinking skills
- · Creativity and expression in media production
- Communication skills
- Collaboration through working in teams
- · Applying technical skills and knowledge

#### **Assessment**

Assessment tasks may include:

- · Audiovisual or video sequences
- Photographs, print layouts or posters
- Presentations using digital technologies
- Short and long answer written responses
- Oral reports
- Tests
- Examinations

#### Prerequisites for subject

No prerequisites

- Film Production
- Journalism
- Animation
- Communications
- Media
- Marketing
- Screen Writing



### Modern History Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

Unit 1: Change and Conflict focuses on the political, economic, social and cultural environment between the late nineteenth century and 1939 that saw the Second World War emerge. The rise of militaristic nation states is considered through the history of Japan and Germany, back to the Meiji restoration and German unification respectively. Russia provides a valuable point of contrast with its ideological Utopian ideals, immediate economic and military threats, and attempts to create the world's first socialist society.

Unit 2: The Changing World Order looks at the post-1945 period focusing on origins and nature of the Cold War, decolonization and nationalist independence movements. This will include the Vietnam wars, both France's First Indochina War 1946-1954 and the US led Second Indochina War 1955-1975. Students also focus on terrorism campaigns and regional conflicts, including FLN (Algeria), Al Qaeda, the Gulf Wars and Wars in Afghanistan.

#### **SKILLS TO BE DEVELOPED**

- Construct arguments using primary sources and historical interpretations as evidence
- Evaluate historical significance of events
- Use questions to inform historical inquiry and conduct research
- Explain the ideological beliefs and values in primary sources
- · Compare historical interpretations of historians

#### **Assessment**

Assessment tasks may include:

- Essays
- Extended responses
- Research reports
- Source analysis tasks

#### Prerequisites for subject

No prerequisites

- Archeologist
- Criminologist
- Historian
- International Relations
- Journalist
- Lawyer
- Librarian
- Policy Analyst
- Policy Development
- Publisher
- Research Analyst



### Music Performance Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

In Music Performance Units 1 & 2, students present solo performances of selected repertoire (culminating in a 15–20 minute recital at the end of each semester) and focus on improving their performance and musicianship skills. Students identify strengths and weaknesses in their performance and create exercises that aim to consolidate and refine their command of instrumental and presentation techniques.

Students will draw on the expressive elements of music to analyse and compose music in a variety of styles and genre. Throughout each unit, students also study aural and theory concepts in order to develop their musicianship skills, and apply this knowledge when preparing and presenting performances.

#### **SKILLS TO BE DEVELOPED**

- Learning, practising, interpreting and rehearsing a program of solo and group works
- Exploring the various aspects that make an effective performance
- Developing strategies and approaches to address individual technical challenges and optimise performance
- Using the expressive elements to analyse and compose music in a variety of styles and genres
- Studying aural and theory concepts to develop musicianship

#### **Assessment**

Assessment tasks may include:

- End of semester solo recital
- Technical exercises presentation
- Theory and aural tests
- Analysis
- Composition

#### Prerequisites for subject

 No prerequisites, although a score of at least 70% in Year 10 Music is recommended or at least Grade 5 AMEB performance standard

- Audiovisual Technician
- Composer
- Conductor
- Director
- Media and Communication
- Multimedia Developer
- Music Critic
- Music Therapist
- Performer
- Sound Engineer



### Physical Education Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

The curriculum in this area of study offers students examine the systems of the human body and how they translate into movement. Through practical activities they explore the major components of the musculoskeletal, cardiovascular and respiratory systems and their contributions and interactions during physical activity. Anaerobic and aerobic pathways are introduced and linked to the types of activities that utilise each of the pathways. Students investigate the role and function of the main structures of each system and how they respond to physical activity, sport and exercise.

Using a contemporary approach students evaluate the social, cultural and environmental influences on movement. They consider the implications of the use of legal and illegal practices to improve the performance of the body systems and how sport and physical activity form part of society.

#### **SKILLS TO BE DEVELOPED**

- Participate in a range of physical activities, sports and exercise
- Perform, observe and analyse a variety of movements used in physical activity, sport and exercise to explain the interaction between bones, muscles, joints and joint actions responsible for movement
- Investigate, evaluate and critically analyse a range of performance enhancing practices from a physiological perspective
- · Conduct investigations and collect data
- Perform, measure and report on changes to the cardiovascular and respiratory systems at rest compared with exercise
- Identify contemporary issues associated with participation in physical activity and sport

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Research projects
- Practical reports
- Examinations

#### Prerequisites for subject

No prerequisites

- Exercise Physiologist
- Exercise Scientist
- Facilities Manager
- Nutritionist/Dietician
- Outdoor Education Specialist
- Paramedic
- Physiotherapist
- Sports Manager
- Sports Medicine
- Sportsperson



### Physics Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

This course introduces students to heat, temperature and internal energy and explain how heat flows. There is also an investigation of electricity, its use in the home and circuit analysis, as well as introduction to magnetism and electrostatic forces. In addition, there is an exploration of radioactivity, the origin of atoms and subatomic particles, and development of indepth understanding of Newton's laws of motion, forces and mechanical interactions.

#### **SKILLS TO BE DEVELOPED**

- Developing research questions
- Planning investigations
- Conducting investigations and collecting data
- Analysing data and relating this to studied theories
- Drawing evidence-based conclusions
- Using mathematical formula and relating those formula to experimental observations
- Connecting models of physics with observable phenomena

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Research projects
- Practical reports
- Designing and conducting an extended investigation

#### Prerequisites for subject

 No prerequisites although a score of at least 60% in Year 10 Science and 10 A Mathematics or Enrichment Mathematics is recommended

- Architect/Naval Architect
- Biotechnologist
- Engineer
- Materials Scientist
- Medical Scientist
- Meteorologist
- Nanotechnologist
- Patent Examiner
- Physicist
- Surveyor



### Politics Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

In Unit 1, students learn that politics is about how political actors use power to resolve issues and conflicts over how society should operate. Students consider the concept of power by examining why and how political power is used, with special attention to the way national and global political actors exercise power and the consequences of that use. Students examine how power may be used by political actors in various states to achieve their interests, and they focus on a close study of a contested political issue in Australia. Students then investigate the power of global actors, who are able to use power across national and regional boundaries to achieve their interests and cooperate with other actors to resolve conflicts, issues and crises.

In Unit 2, students investigate the key principles of democracy and assess the degree to which these principles are expressed, experienced and challenged, in Australia and internationally. They consider democratic principles in the Australian context and complete an indepth study of a political issue or crisis that inherently challenges basic democratic ideas or practice. Students also investigate the degree to which global political actors and trends can challenge, inhibit or undermine democracy, and evaluate the political significance of these challenges. Each area of study focuses on concepts that form essential disciplinary knowledge, and which allows students to gradually build on their understanding of what it is to think politically.

#### **SKILLS TO BE DEVELOPED**

- Explaining key features of political theory
- Using contemporary examples and case studies
- · Analysing the power and influence of political actors
- Developing explanations, arguments and points of view
- Evaluating political issues

#### **Assessment**

Assessment tasks may include:

- A political inquiry
- Analysis and evaluation of sources
- A multimedia presentation
- · A political debate
- A political simulation
- · A political brief
- Extended responses
- Short-answer questions
- An essay
- Examinations

#### Prerequisites for subject

No prerequisites

- Lawyer/Barrister
- Intelligence Officer
- International Relations
- Journalist
- Policy Analyst/Developer
- Parliamentarian/Advisor
- Teacher



# Product Design and Technology Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

Designers play an important part in our daily lives. They determine the form and function of the products we use and transform ideas into drawings and plans for the creation of products that fulfil human needs and wants. Students also consider sustainability issues.

Students consider the consequences of product design choices, and develop skills to critically analyse existing products and develop their own creative solutions.

#### **SKILLS TO BE DEVELOPED**

- Use design thinking and develop their understanding of product development and how these occur in a variety of contexts
- Apply design practice by generating and communicating multiple creative ideas, concepts and product design options using a range of techniques to develop viable solutions to problems
- Explore and determine characteristics and properties of materials that make them suitable for use
- Examine methods of sourcing, processing, producing and assembling materials and social, economic, ethical, legal and environmental implications
- Use risk assessment to apply appropriate, efficient and safe methods of working with materials, tools, equipment and machines
- Apply project management techniques of time and sequence

#### **Assessment**

Assessment tasks may include:

- Sourcing materials
- Workshop practices
- Research projects
- Practical reports
- Product assessment

#### Prerequisites for subject

- It is highly recommended that students will have undertaken Wood Technology at Year 9 or Year 10 level
- Students who have completed Year 10
   Wood Technology will take preference
- Numbers are limited due to safety

- Civil Engineer
- Construction Manager
- Fashion Designer and Textile Designer
- Industrial Designer
- Performance Designer (Set and Costume)
- Product Design Engineering
- Property Development and Valuation
- Spatial Designer (interior/exterior/virtual)
- Trades
- Visual Merchandiser



### Psychology Units 1 & 2

Each unit is completed over one semester.

#### **Focus of course**

The aim of this course is to introduce students to the concepts that influence human behaviour and mental processes. Areas of study include influences on:

- Development across the lifespan with a focus on cognitive and emotional development
- Contributing factors to mental health and wellbeing
- The functioning of the brain and nervous system both in normal healthy people and when brain damage occurs
- Visual and taste perception
- Individual and group behaviour with a focus on attitude formation, power, obedience and conformity

#### **SKILLS TO BE DEVELOPED**

- Connecting psychological theory to examples of human and animal behaviour observable in everyday examples
- Developing research questions
- Planning investigations
- · Conducting investigations and collecting data
- Analysing data and relating this to studied theories
- Drawing evidence-based conclusions

#### **Assessment**

Assessment tasks may include:

- Topic tests
- Research
- Practical reports
- Designing and conducting an extended investigation
- End of semester examinations

#### Prerequisites for subject

• No prerequisites

- Counsellor
- Criminologist
- Human Resources Manager
- Media and Communication
- Occupational Therapist
- Psychologist
- Public Relations Manager
- Research Analyst
- Social Worker
- Teacher



### Specialist Mathematics Units 1 & 2

Each unit is completed over a semester.

#### Focus of course

This subject is designed to prepare students to study Specialist Mathematics Units 3 & 4 as well as providing support for the study of Mathematical Methods Units 3 & 4. It is rigorous and academic in nature and builds on a number of key topic areas tackled previously. The subject provides an introduction to many of the topics studied in more depth in Units 3 & 4 including vectors, complex numbers, kinematics, statics, and graphing systems.

#### **SKILLS TO BE DEVELOPED**

- Algebra and number systems
- Sequences and series
- Counting methods and sampling
- Graphing systems
- Complex numbers
- Geometry in the plane
- Trigonometry
- Vectors
- Matrices and transformations
- Kinematics and statics

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Examinations

#### Prerequisites for subject

 Must be taken either concurrently with, or subsequent to, Mathematical Methods Units 1 & 2

- Actuary
- Astronomer
- Computer Programmer
- Engineer
- Investment Analyst
- Medical Practitioner
- Medical Scientist
- Meteorologist
- Pilot
- Surveyor



## Visual Communication Design Units 1 & 2

Each unit is completed over a semester.

#### **Focus of course**

Students explore a range of 2D and 3D design solutions. Development of folio formats from previous modules will be undertaken through the six allotted outcomes.

Various presentation formats can be selected throughout both units, while exploration of model making, clothing design, communication, environmental and industrial design are encouraged.

Students devise strategies to attempt problemsolving challenges within all realms of design, while looking at 'real world' situations for influence.

#### **SKILLS TO BE DEVELOPED**

- Create and present visual communications, which explore themes, issues and ideas
- Undertake correct folio formats, with key knowledge in presentation methods
- Analyse and evaluate the purposes and content of visual communications
- Analysee the characteristics and role of visual communications in different cultural contexts
- Understand key social, cultural and ethical factors in design
- Develop skills in 2D and 3D drawing methods

#### **Assessment**

Assessment tasks may include:

- Outcome based online summary tests
- Common Assessment Tasks (CATs)
- Class presentations

## **Prerequisites for subject**

 No prerequisites although completion of Year 9 or Year 10 VCD is recommended

- Animator
- Architect
- Fashion and Textile Designer
- Graphic Designer
- Industrial Designer
- Multimedia Developer
- Performance Designer (set and costume)
- Spatial Designer (interior/exterior/virtual)
- Special Effects
- User Experience (UX) Designer



## Accounting Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Accounting Units 3 & 4 explores the financial recording, reporting, analysis and decision-making processes of a sole proprietor small business. Students study both theoretical and practical aspects of accounting. They collect, record, report and analyse financial data, and report, classify, verify and interpret accounting information, using both manual methods and information and communications technology (ICT).

#### **SKILLS TO BE DEVELOPED**

- Collecting and recording financial data
- Communicating financial information via accounting reports to internal and external stakeholders
- Analysing and interpreting the financial information and advising stakeholders within the business on improving business performance
- · The use of ICT in Accounting

#### **Assessment**

Assessment tasks may include:

- Assignments/reports
- Written tests
- ICT-based tasks
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

• As per page 5

- Auditor
- Financial Accountant
- Forensic/Investigative Accounting
- Investment Analyst
- Management Accountant
- Management Consultant
- Programmer (Financial) Systems Integration
- Taxation Accountant
- Treasurer



## **Biology Units 3 & 4**

Each unit is completed over a semester.

#### **Focus of course**

Students focus on the cell as a complex chemical system. The cells ability to communicate with one another, replicate components, synthesise proteins, regulate gene expression and the production and consumption of energy form the core elements of cell theory. The immune system is explored in detail from the nature of disease through to the complex processes required to produce an antibody that can defend against future infection. Students will also explore the theory of evolution, including human evolution and compare this to the tools, techniques and practical application of modern gene technology.

#### **SKILLS TO BE DEVELOPED**

- Scientific writing
- Conducting investigations and collecting data
- Analysing data and relating this to studied theories
- Drawing evidence-based conclusions
- Planning investigations
- Developing research questions
- Ability to apply biological knowledge to unfamiliar and complex biological systems
- Memory and summary skills

#### **Assessment**

Assessment tasks may include:

- School Assessed Coursework (SACs)
- Practical reports
- Designing and conducting an extended investigation
- Tests
- · Primary and secondary data analysis
- Research projects
- Examinations

## Prerequisites for subject

As per page 5

- Anatomist
- Biochemist
- Biotechnologist
- Ecologist
- Geneticist
- Immunologist
- Marine Biologist
- Medical Professional
- Microbiologist
- Molecular Biologist
- Physiologist
- Physiotherapist
- Research Scientist
- Sports Scientist
- Virologist
- Zoologist



## **Business Management Units 3 & 4**

Each unit is completed over a semester.

#### **Focus of course**

In these units students explore the key processes and issues concerned with managing a business efficiently and effectively to achieve objectives. They consider corporate culture, management styles, management skills and the relationship between each of these. Students consider the importance of reviewing key performance indicators to determine performance and strategies to position a business for the future. Students study a theoretical model to undertake change, and consider a variety of strategies to manage change in the most efficient and effective way to improve business performance. Students evaluate business practice against theory using a contemporary case study.

#### **SKILLS TO BE DEVELOPED**

- Define, describe and apply relevant business management concepts and terms
- Interpret, discuss and evaluate business information and ideas
- Apply business management knowledge to practical and/or simulated business situations
- Evaluate management strategies, styles, and skills and their appropriateness for a range of business situations
- Examine and apply the key principles of the theories of motivation
- Propose and justify strategy selection

#### **Assessment**

Assessment tasks may include:

- Area of study tests
- School Assessed Coursework (SACs)
- Examinations

### **Prerequisites for subject**

• As per page 5

- Advertising Executive
- Brand Manager
- Business Systems Analyst
- Finance Manager
- Human Resource Manager
- Industrial Relations Officer
- Logistics and Supply Chain Manager
- Marketing Manager
- Public Relations Officer
- Risk and Compliance Officer



## Chinese First Language Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

The study of Chinese First Language Units 3 & 4 contributes to the overall education of students, most particularly in the area of communication but also the cross-cultural understanding, cognitive development, literacy and general knowledge. It provides access to the cultures of communities which use the language and promotes understanding of different attitudes and values within the wider Australian community and beyond.

#### **SKILLS TO BE DEVELOPED**

- Ability to use Chinese to communicate with others in interpersonal, interpretive and presentational contexts
- Understanding and appreciation of their own culture and others
- Understanding of language as a system
- Potential to apply Chinese to work, further study, training or leisure

#### **Assessment**

Assessment tasks may include:

- Oral presentation, conversations and discussions
- · Listening and responding
- Reading and responding
- Text analysis in Chinese
- Written responses in Chinese
- School Assessed Coursework (SACs)
- Examinations

## **Prerequisites for subject**

As per page 5

- International Business Manager
- Investment Analyst
- International Finance
- International Relations/Diplomacy
- Language Teacher
- Lawyer (International law)
- Linguist
- Translating and interpreting
- Travel Consultant



# Chinese Second Language Advanced Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Chinese Second Language Advanced Units 3 & 4 contributes to student personal development in a range of areas including communication skills, intercultural understanding, cognitive development, literacy and general knowledge. Learning and using an additional language encourages students to examine the influences on their perspectives and society and to consider issues important for effective personal, social and international communication. It enables students to examine the nature of language, including their own, and the role of culture in language, communication and identity. By understanding the process of language learning, students can apply skills and knowledge to other contexts and languages. Learning a language engages analytical and reflective capabilities and enhances critical and creative thinking.

#### **SKILLS TO BE DEVELOPED**

- Communicate with others in Chinese in interpersonal, interpretive and presentational contexts
- Learn about language as a system and themselves as language learners
- Make connections between different languages, knowledge and ways of thinking
- Become part of multilingual communities by applying language learning to social and leisure activities, life-long learning and the work force

#### **Assessment**

Assessment tasks may include:

- Oral presentation, conversations and discussion
- · Listening and responding
- Reading and responding
- · Text analysis in Chinese
- Written responses in Chinese
- School Assessed Coursework (SACs)
- Examinations

## Prerequisites for subject

• As per page 5

- International Business Manager
- International Finance
- International Relations/Diplomacy
- Investment Analyst
- Language Teacher
- Lawyer (International law)
- Linguist
- Translating and interpreting
- Travel Consultant



## Classical Studies Units 3 & 4

Each unit is completed over a semester.

#### Focus of course

During Units 3 and 4, students engage with the intellectual and cultural material of ancient Greece and ancient Rome. Working with translations rather than the Ancient Greek or Latin, students examine classical works that continue to have an enduring influence on Western civilisation. Areas of studies include the following: epic poetry, theatrical tragedy, imperial architecture and sensational sculpture.

Across both Units, students analyse individual works and engage with ideas that are explored and the techniques that are used by particular writers and artists. Students will also conduct detailed analyses and comparisons of the ways in which classical writers and artists used to present these ideas, and the relationship between the work and its sociohistorical context. Making critiques of the circumstances that have led to the significant events described in the classical works and considering ways in which different writers and artists address similar ideas or themes, students will construct their own arguments by drawing upon the ideas, techniques and the sociohistorical context of the set classical works. Such analysis reveals the changing nature of the classical world.

#### **SKILLS TO BE DEVELOPED**

- Written expression
- Textual and critical analysis
- Construction of arguments
- Evaluation and comparison skills
- · Persuasive and rhetorical skills
- Research and communication skills

#### **Assessment**

Assessment tasks may include:

- A written analysis of a section of a classical work
- Structured extended questions
- · An essay comparing two classical works
- A research project
- School Assessed Coursework (SACs)
- Examinations

### **Prerequisites**

As per page 5

- International relations
- Lawyer
- Journalist
- Consultant
- Diplomat
- Political Scientist
- Education
- Research Analyst
- Publisher



## **Economics Units 3 & 4**

Each unit is completed over a semester.

#### **Focus of course**

In Unit 3, students develop an understanding of the macroeconomy. They investigate the factors that influence the level of aggregate demand and aggregate supply in the economy. Use of models and theories to explain how changes in these variables might influence the achievement of the Australian Government's domestic macroeconomic goals and effect on living standards is also explored

In Unit 4, students develop an understanding of how the Australian Government can alter the composition and level of government outlays and receipts, to directly and indirectly influence the level of aggregate demand and the achievement of domestic macroeconomic goals.

#### **SKILLS TO BE DEVELOPED**

- Define key economic concepts and terms and use them appropriately
- Explain key international economic relationships and how they may affect living standards
- Explain trends, patterns, similarities and differences in economic data and other information
- Calculate relevant economic indicators using real or hypothetical data
- Access, interpret and draw conclusions from, information gathered from a range of sources

#### **Assessment**

Assessment tasks may include:

- Area of study tests
- Quizzes
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Auditor
- Commodities Trader
- Company Secretary
- Data Scientist
- Economist
- Financial Planner
- Importer/Exporter
- Investment Analyst
- Market Researcher
- Policy Development



## General Mathematics Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

The General Mathematics Units 3 and 4 course consists of two areas of study:
Data/Probability/Statistics, Discrete Mathematics.

The study of Discrete Mathematics includes the study of Recursion and Financial Modelling, Matrices, Networks and Decision Mathematics.

#### **SKILLS TO BE DEVELOPED**

- Using the CAS calculator effectively
- Univariate data
- Bivariate data
- Time series
- Modelling growth and decay using recurrence relations
- Financial modelling using recurrence relations
- A selection of skills relating to the two modules chosen

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- School Assessed Coursework (SACs)
- Examinations

### **Prerequisites for subject**

As per page 5

- Accountant
- Agricultural Scientist
- Construction Manager
- Economist
- Finance Manager
- Financial Planner
- Importer/Exporter
- Logistics and Supply Chain Manager
- Market Researcher
- Project Manager



## Geography Units 3 & 4

Each unit is completed over a semester.

#### Focus of course

Unit 3 Geography is a study of 'Changing the Land'. Students will examine Melbourne Docklands as an urban land-use change, followed by studies of the process of melting glaciers, deforestation and desertification as significant changes in global land cover. For each topic students will evaluate the causes of, impacts of and responses to the changing land cover.

Unit 4 Geography examines 'Human Population', looking at population dynamics, demography and the issues which arise from the changes in population. In depth case-studies are used to show local, national and global responses to population issues.

#### **SKILLS TO BE DEVELOPED**

- Development of a sense of wonder and curiosity about people, culture and environments throughout the world
- Development of knowledge and understanding of geographic phenomena at a range of temporal and spatial scales
- An understanding and application of geographic concepts to develop an ability to think and communicate geographically
- An understanding of the complexity of natural and human induced geographic phenomena across the Earth's surface
- The analysis of information and a capacity to make informed judgments and decisions about geographic challenges

#### **Assessment**

Assessment tasks may include:

- A fieldwork report (1500-2000 words)
- Structured questions
- Data analysis
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Agricultural Scientist
- Architect/Landscape Architect
- Conservation Officer
- Engineer
- Environmental Scientist
- Forester
- Geographic Information Systems Officer
- Geologist
- Land and Property Economist
- Surveyor
- Urban and Regional Planner



## Global Politics Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Students evaluate the power of key global actors, how effectively each achieves its aims, and how the power of the state is challenged in the 21<sup>st</sup> Century. They examine the national interests of the People's Republic of China, the foreign policy instruments used to achieve them and the intended and unintended outcomes for the PRC.

Students also examine the ethical issues of human rights and arms control. They evaluate the debates around these ideas and the reasons for international disagreement. The contemporary crises of terrorism and climate change are studied as key global challenges, including the effectiveness of a range of responses.

Students draw on contemporary events case studies from the last 10 years.

#### **SKILLS TO BE DEVELOPED**

- Explaining key features of political theory
- Using contemporary examples and case studies to support points of view
- Analysing differing interpretations of national interests and uses of power
- Developing explanations, arguments and points of view
- Evaluating international challenges and ethical debates and the responses to these

#### **Assessment**

Assessment tasks may include:

- Short answer questions
- Essays
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Criminologist
- Employee Relations Officer
- Intelligence Officer
- International Relations
- Journalist
- Lawyer
- Parliamentarian
- Policy Development
- Psychologist
- Research Analyst
- Teacher/Lecturer



## Health & Human Development Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In these units, students look at health, wellbeing and illness in Australia and in a global context. Students begin to analyse the differences in health status seen in a variety of countries, along with strategies used to promote health and wellbeing, both domestically and globally. As they consider the benefits of optimal health and wellbeing and its importance as an individual and a global resource, students investigate the key concepts of sustainability and human development.

#### SKILLS TO BE DEVELOPED

- Analyse data to describe and evaluate the current health status of populations
- Analyse trends to identify morbidity and mortality over time
- Draw informed conclusions through data analysis
- Evaluate health promotion initiatives
- Create initiatives designed to promote health and wellbeing
- Discuss the long term impact of ill health on a country
- Analyse the role of various organisations in promoting health of individuals and communities.

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Area of study tests
- Case studies
- Data analysis tasks
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Audiologist
- Dietitian/Nutritionist
- Health Information Manager
- Health Promotion Practitioner
- Occupational Therapist
- Optometrist
- Osteopath
- Psychologist
- Speech Pathologist



## History: Revolutions Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Two communist revolutions are studied independently:

- The Russian Revolution from 1896 to 1927 (Coronation of Tsar Nicholas to the end of the New Economic Policy)
- The Chinese Revolution from 1912 to 1976 (The Chinese Republic to the death of Mao Zedong).

For each revolution the causes and the consequences are examined in separate units.

#### **SKILLS TO BE DEVELOPED**

- Analyse the long term and short term causes and consequences of revolution
- Use primary sources as evidence
- Evaluate the significance of ideas, events, individuals and popular movements that contributed to the outbreak of the revolution
- Evaluate continuity and change in society as a consequence of the revolution
- Evaluate the degree to which the revolutionary ideals were achieved or compromised
- Compare a range of revolutionary experiences and perspectives to understand the change brought to society
- Evaluate historical interpretations (historians' views) about a revolution
- Construct arguments using primary sources and historical interpretations as evidence.

#### **Assessment**

Assessment tasks may include:

- Quizzes
- A historical inquiry
- Extended responses
- Evaluation of historical sources
- Essays
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Archeologist
- Criminologist
- Historian
- International Relations
- Journalist
- Lawyer
- Librarian
- Political Scientist
- Publisher
- Research Analyst



## Legal Studies Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In Unit 3, students explore matters such as the rights available to individuals in the criminal and civil justice systems, the responsibilities of legal personnel and the ability of sanctions and remedies to achieve their purposes. Students investigate the extent to which the principles of justice are upheld in the justice system.

In Unit 4, students explore how the Australian Constitution establishes the law-making powers of the Commonwealth and state parliaments. Students develop an understanding of the significance of the High Court in protecting and interpreting the Australian Constitution. They investigate parliament and the courts and the relationship between the two in law-making. They also consider the roles of the individual, the media and law reform bodies in influencing law reform.

#### **SKILLS TO BE DEVELOPED**

- Define and use legal terminology
- Discuss, interpret and analyse legal principles and information
- Synthesise and apply legal principles and information to actual and/or hypothetical scenarios
- Discuss recent reforms and recommended reforms to the criminal and civil justice systems
- Evaluate the ability of the criminal and civil justice system to achieve the principles of justice

#### **Assessment**

Assessment tasks may include:

- Short answer questions
- Extended response questions
- · Case study responses
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

• As per page 5

- Criminologist
- Police Officer/Detective
- Journalist
- Politician
- Teacher/Lecturer
- Intelligence Officer
- Employee Relations
- Human Resource Manager
- International Relations
- Lawyer (Solicitor/Barrister)
- Media and Communication
- Mediator
- OH&S/Compliance
- Policy Development
- Research Analyst



## Mathematical Methods Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

The Mathematical Methods Units 3 & 4 course involves the study of topics listed below. This subject is a continuation of Mathematical Methods Units 1 & 2. It is rigorous and academic in nature and builds on a number of key topic areas tackled previously. The areas of study involved are 'Functions and Graphs', 'Calculus', 'Algebra' and 'Probability'.

#### **SKILLS TO BE DEVELOPED**

- · Graphs and functions
- Functions and transformations
- · Exponential and logarithmic functions
- Circular functions
- Differentiation
- Integration
- Discrete and continuous random variables
- · Normal distributions and sampling

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

As per page 5

- Actuary
- Astronomer
- Computer Programmer
- Engineer
- Investment Analyst
- Medical Practitioner
- Meteorologist
- Pilot
- Risk Manager
- Surveyor



## Media Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Continuing to build upon the skills and understanding of Unit 1 & 2 Media. Students will be provided with the opportunity to analyse media concepts, forms and products in an informed and critical way. Students consider narratives, technologies and processes from various perspectives. They examine the media's role in contributing to and influencing society. Students integrate these aspects through the individual design and production of their media representations, narratives and products.

Students gain knowledge and skills in planning and expression valuable for participation in and contribution to contemporary society. This study leads to pathways including screen and media, marketing and advertising, games and interactive media, communication and writing, graphic and communication design, photography and animation.

#### **SKILLS TO BE DEVELOPED**

- · Develop critical thinking skills
- Analytical writing related to the media
- Plan and produce their own media representations
- Develop skills and refine skills related to technologies in creating own media products
- Evaluate and examine the influence of the media
- Investigate, examine and evaluate debates around the role of contemporary media and its implications for society
- Ability to apply media language to their analysis

#### **Assessment**

Assessment tasks may include:

- Written responses and analysis
- Production folio and tasks
- Oral presentations
- End of year examination

### Prerequisites for subject

As per page 5

- Film and Television Industry
- Journalism
- Marketing and Publishing
- Communications
- Public Relations
- Advertising
- Market Research
- Event Manager
- Web Design



## Music Performance Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In Music Performance Units 3 & 4, students present solo performances of selected repertoire (culminating in a 25 minute externally assessed recital at the end of the year) and focus on improving their performance and musicianship skills. Students identify strengths and weaknesses in their performance and create exercises that aim to consolidate and refine their command of instrumental and presentation techniques. Students will draw on the expressive elements of music to analyse previously unheard works in a variety of styles and genre. Throughout each unit, students also study aural and theory concepts in order to develop their musicianship skills and apply this knowledge when preparing and presenting performances.

#### **SKILLS TO BE DEVELOPED**

- Learning, practising, interpreting and rehearsing a program of solo and group works
- Exploring the various aspects that make an effective performance
- Developing strategies and approaches to address individual technical challenges and optimise performance
- Using the expressive elements to analyse and music in a variety of styles and genres
- Studying aural and theory concepts to development musicianship

#### **Assessment**

Assessment tasks may include:

- End of year 25-minute solo recital
- Ensemble participation
- Technical exercises presentation
- Theory and aural tests
- Analyses of unheard works
- Examinations

### Prerequisites for subject

As per page 5

- Audiovisual Technician
- Composer
- Conductor
- Director
- Media and Communication
- Multimedia Developer
- Music Critic
- Music Therapist
- Performer
- Sound Engineer



## Physical Education Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In these units, students learn the biomechanical and skill acquisition principles used to analyse human movement skills and energy production from a physiological perspective. Students investigate the relative contribution and interplay of the three energy systems to performance in physical activity, sport and exercise. This includes participating in a variety of training sessions designed to improve or maintain fitness, and evaluate the effectiveness of different training methods.

#### **SKILLS TO BE DEVELOPED**

- Analyse a range of movements in physical activities, sports and exercise to improve performance
- Perform, observe and analyse a variety of used in physical activity, sport and exercise to explain the interplay of energy systems
- Investigate, evaluate and critically analyse a range of performance enhancing practices from a physiological perspective
- Use a range of data collecting methods including heart rate monitors and GPS's to analyse performance
- Perform, measure and report on changes to the cardiovascular, muscular and respiratory systems during exercise and after completing a training program

#### **Assessment**

Assessment tasks may include:

- Quizzes
- · Area of study tests
- Practical reports
- Designing and conducting a fitness training program
- School Assessed Coursework (SACs)
- Examinations

### Prerequisites for subject

• As per page 5

- Chiropractor
- Exercise Scientist
- Facilities Manager
- Nutritionist
- Outdoor Education Specialist
- Paramedic
- Physiotherapist
- Sports Manager
- Sports Medicine
- Sportsperson



## Physics Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

Physics is a natural science based on observations, experiments, measurements and mathematical analysis, with the purpose of finding quantitative explanations for phenomena occurring from the subatomic scale through to the planets, stellar systems and galaxies in the Universe. Students learn how fields can explain the interactions between different particles, and investigate how to explain the phenomena of light and matter in detail.

#### **SKILLS TO BE DEVELOPED**

- Apply the scientific method to practical and research tasks
- Examine data for trends, comparisons and conclusions
- Reflect critically on results
- Understand and apply science language correctly
- Apply mathematical skills to problem solving

#### **Assessment**

Assessment tasks may include:

- Quizzes
- Topic tests
- Research projects
- Practical reports
- Performing a data analysis
- Designing and conducting an extended investigation
- School Assessed Coursework (SACs)
- Examinations

## Prerequisites for subject

As per page 5

- Aerospace Engineer
- Astronomer
- Astrophysicist
- Biomedical Engineer
- Geophysicist
- Medical Physicist
- Meteorologist
- Nanotechnologist
- Product Design Engineer
- Robotics/Mechatronics Engineer



## Psychology Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In Unit 3, students learn how the nervous system co-ordinates with the brain to respond to changes in the internal and external environments. Stress is a key topic, as well as changes that occur at a neural level, particularly with memory and learning.

In Unit 4, consciousness will be investigated, with an emphasis on sleep as an altered state. The course then moves onto mental health, with a focus on anxiety disorders such as phobias.

#### **SKILLS TO BE DEVELOPED**

- Identifying key psychological terms
- Connecting psychological theory to behaviour
- Applying psychological theory to data and/or scenarios (stories)
- Comparing and contrasting theories
- Developing research questions
- Conducting investigations and collecting data
- Drawing evidence-based conclusions
- Formulating hypotheses and understanding the implications of research design
- Operationalising variables

#### **Assessment**

Assessment tasks may include:

- Research/practical investigation
- · Annotated folio of practical activities
- Media response
- Test
- Essay
- Data analysis
- Evaluation of research
- School Assessed Coursework (SACs)
- Examinations

## Prerequisites for subject

• As per page 5

- Counsellor
- Criminologist
- Human Resources Manager
- Media and Communication
- Occupational Therapist
- Psychologist
- Public Relations Manager
- Research Analyst
- Social Worker
- Teacher



## Visual Communication Design Units 3 & 4

Each unit is completed over a semester.

#### **Focus of course**

In Unit 3, students gain an understanding of the process designers employ to structure their thinking and communicate ideas with clients, target audiences, other designers and specialists. Through practical investigation and analysis of existing visual communications, students gain insight into how the selection of methods, media and materials, and the application of design elements and design principles, can create effective visual communications for specific audiences and purposes.

In Unit 4, the focus of this unit is on the development of design concepts and two final presentations of visual communications to meet the requirements of the brief. This involves applying the design process twice to meet each of the stated communication needs.

Having completed their brief and generated ideas in Unit 3, students continue the design process by developing and refining concepts for each communication need stated in the brief.

#### **SKILLS TO BE DEVELOPED**

- Key design features of existing visual communications associated with the communication, environmental and industrial design fields
- Techniques for analysing visual communications
- Connections between existing and created visual communications
- Design thinking techniques that underpin the application of the design process
- The role of the brief in the development and evaluation of visual communications
- Methods for visualising ideas and developing concepts

#### **Assessment**

Assessment tasks may include:

- School Assessed Coursework (SACs)
- School Assessed Task (SATs)
- Examinations

### Prerequisites for subject

• As per page 5

- Animator
- Architect
- Fashion and Textile Designer
- Graphic Designer
- Industrial Designer
- Multi-media Developer
- Performance Designer (set and costume)
- Spatial Designer (interior/exterior/virtual)
- Special effects
- User Experience (UX) Designer