2026
YEAR 10 CURRICULUM GUIDE

Hume Anglican Grammar
Donnybrook Campus

Aim High, Be Proud

Contents

Year 10 Course Overview

At Year 10, students continue to have lessons in the core areas of English, Mathematics, Science and Humanities as prescribed by the Australian Curriculum(ACARA: http://www.acara.edu.au/curriculum/curriculum.html).

Further, all students must complete one compulsory semester of Health and Physical Education. After this, they have greater choice to create a course that suits their interests and prospective post-schooling pathways. To this end, we recommend the student consults with the Careers Councillor, the Subject Coordinators and the Head of Teaching and Learning - Secondary to gain advice and make informed decisions.

A general Year 10 course will follow the structure below:

Semester 1	English	Mathematics	Science*	Humanities*	Elective 1	Elective 2
Semester 2	English	Mathematics	HPE*	Elective 3	Elective 4	Elective 5

*Depending on students' subject preferences, the semester-long core subjects may be timetabled in different semesters to the example above.

In addition to the core curriculum, all students choose five elective subjects. Each subject, core or elective, is allocated the same load of eight periods per cycle. While we aim to run all electives and try to give each student their chosen preferences, sometimes this may not be possible due to timetabling constraints or low enrolment numbers.

All Year 10 students will participate in pastoral care programs which will be delivered during Homeroom sessions, Chapels and Assemblies.

Subject Selection Timeline

For further information contact the Head of Teaching and Learning – Secondary or relevant /Subject Coordinators – see 'Contacts' page

Date	Action
Term 2, Week 11	Curriculum Guides and Acceleration information emailed to students.
Wednesday 23 July	Attend Subject Selection Evening with parents
Friday 25 July	**Web preferences open** for students Years 8-10 for subject selection.
Friday 31 July	Web preferences **close.**
Friday 31 July	Deadline for Acceleration Applications.
Mid November	Confirmation of 2026 subjects sent to students

Year 10 Accelerated Studies Guidelines

The VCE program is normally studied over a two-year period with subjects benchmarked for student ability in Years 11 and 12. Students who are excelling in their academic studies in Year 9 are offered the opportunity to take up the challenge of accelerating in a VCE subject, thus completing their VCE studies over a three-year period. These students will have demonstrated that they are working above the level expected of their current year, placing them within the top 16% of students of those in the year above (equal to a study score above 36). Selecting a single Unit 1 and 2 sequence in Year 10, alongside Year 10 subjects, allows students to experience the rigour, pleasures, and requirements of studying a Year 11 course, helping them know what to expect in their final years at school.

Requirements to Accelerate

Students who accelerate are expected to be able to cope with both the demands of their accelerated subject, as well as maintaining a high level of achievement and attitude in their other subjects. Acceleration will only be on an application basis, but only students who meet the criteria below are encouraged to apply; due to the negative impact it can have on a student's achievement and some students may not perform as well as they could if studying the subject in the same year as their peers. In addition to the student application, several sources of student data will be thoroughly analysed to ensure we identify students who will benefit most from acceleration by meeting both the academic and social/emotional demands of their acceleration subject and the rest of their Year 10 program.

Students will be offered the opportunity to accelerate if they meet the following required criteria:

1. Student results in English are above 80%.
2. Student achievement across all subjects is of a high standard; graded Assessments are over 80% on average.
3. Student has demonstrated a superb attitude and aptitude towards their studies in all subjects, based on their previous school reports and no concerns raised throughout the year.
4. Student attendance rate is at or above 90%.

Only students who meet all criteria will be considered for acceleration. This will be an extra challenge for students, and they will need to demonstrate that they have the maturity, attitude, ability, and social/emotional capability to balance their workload. In addition, the student's wellbeing will be taken into account to ensure they are able to cope emotionally with the additional pressures involved in the acceleration program.

Ongoing review

The performance of accelerated students will be reviewed at the end of Semesters One and Two. They will be monitored by a panel (VCE Coordinator, Year 10 Coordinator, Head of Teaching and Learning – Secondary). If a student is not progressing as expected in either their accelerated subject or maintaining their expected average in the other Year 10 subjects, they will not be permitted to continue with the Unit 3 and 4 in that subject and, hence, may be withdrawn from the acceleration program. Any breaches to VCAA rules, attendance below 90% or significant changes in the student's wellbeing may result in a withdrawal at the discretion of the VCE Panel. Please note that a minor review will also be undertaken this year to ensure grades remain consistently high in Term 4 and Semester 2 examinations.

A Year 10 student studying a Unit 1 and 2 subject studies will result in the student completing five Year 10 subjects rather than six. All students who accelerate are to complete a full Year 12 program of five subjects in their final year at school, which will equate to studying six VCE subjects in total.

Students wishing to apply for Acceleration should consult the Acceleration Program Handbook and complete the Acceleration Application Form.

Year 10 Core Subject Information

English

Overview

English is structured around 3 core strands, language, literacy and literature. Through the study of English students are encouraged to develop and refine their ability to read, write, speak and listen in complex and critical ways. Students read and respond to a wide variety of texts for enjoyment. These texts engage students in exploring themes of human experience and cultural significance, interpersonal relationships, and ethical and global dilemmas within real world and fictional settings, representing a variety of perspectives. Students explore and create a range of imaginative, informative and persuasive text types including narratives, procedures, performances, reports, discussions, literary analyses, transformations of texts and reviews. The English course seeks to build upon key skills and knowledge developed in previous year levels.

Duration

This subject runs for TWO semesters.

Educational Objectives

Students learn to:

- Participate in dynamic and inquisitive classrooms, in activities that challenge them to form ideas and build upon the ideas of others, solving problems, justifying opinions and developing and expanding arguments.
- Read and respond to a broad and diverse range of texts, which challenge them to create complex interpretations, which are supported through evidence.
- Build an awareness of the way in which language is a system of meaning and that this meaning is reliant on grammatical elements and vocabulary choices, which can not only be identified but replicated and manipulated to create greater expression and meaning in their own texts.
- Create and present a wide range of oral texts; both informative and persuasive with greater control of the features of oral language such as pace, pitch, tone and intonation. Ensuring an understanding of the significance of audience and purpose to the effectiveness of speaking and presenting.
- Examine the world of media texts, learning to focus on, identify and engage with complex language devices and discuss the ways in which these are used to position and persuade readers.

Topics of Study

- Text studies – a range of novels, plays, short stories, documentaries, films, poetry and other multimodal texts.
- Argument and language analysis
- Language development, including vocabulary, grammar and sentence structure
- Writing for a range of purposes and audiences
- Oral presentations with statements of intention

Methods of Assessment

Students will complete a range of assessment tasks over the semester. These may include:

- Text analysis essays
- Comparative writing tasks
- Writing folio pieces
- Argument and language analysis tasks
- Oral presentations
- Creative writing tasks
- End-of-semester examinations

VCE Course Pathways

This course will prepare students for VCE English.

Humanities

Overview

In Humanities, students explore the four subjects of Civics and Citizenship, History, Geography and Economics and Business, based on the Australian Curriculum. Humanities involves understanding of knowledge and application of skills that include source and data analysis and exploring differing perspectives. Students engage in understanding the values and practices involved in democracy and social cohesion, examine Australia's position in world affairs during the 20th century, explore concepts relating to wellbeing and the nature of this on a variety of populations, and consider standards of living and the government's role in improving the lives of citizens.

Duration

This subject runs for ONE semester.

Educational Objectives

- Explain patterns of change and continuity over time
- Analyse the causes and effects of events
- Explain the significance of events and developments from a range of perspectives
- Explain different interpretations of the past and recognise the evidence used to support these interpretations
- Geographies of human wellbeing
- Predict changes in the characteristics of places and environments over time
- Evaluate living standards and wealth distribution in relation to economic performance
- Examine cohesiveness in a society – how is it threatened, maintained and protected

Topics of Study

- Struggles of Indigenous Australians
- World War Two
- Geographical wellbeing of Australia and a comparison of another country.
- Australia's Parliamentary structure
- Methods of Assessment
- Students will complete a range of assessment tasks over the semester. These will include:
- Research projects
- Field study
- Tests
- Case studies
- Oral presentations
- End-of-semester examinations

VCE Course Pathways

This unit is intended to prepare and showcase potential VCE pathways in Humanities subjects such as Geography, History, Legal Studies, Accounting, Australian and Global Politics, Religion and Society and Business Management. The skills developed are meaningful and relevant in a range of VCE studies across all disciplines.

Mathematics

Overview

Year 10 Mathematics covers a broad range of mathematical topics designed to prepare students for mathematics courses in Years 11 and 12. The course aims to provide a challenging and enriching course relevant and suitable for every student.

Accordingly, students are grouped in three strands -– Foundation, Mainstream and Advanced - based on results obtained in Year 9 Mathematics. All students study the core Australian Curriculum mathematics course for Year 10 while being in a class that is appropriate to their capabilities, providing sound and specific preparation for a suitable subject from the VCE Mathematics courses offered in the senior years. The structure of the three-strand model is dynamic and flexible, with teachers responsive to each individual student's progress. All students in Year 10 will be introduced to Computer Algebra System (CAS) technology, enabling them to become familiar with the technology in preparation for any future Mathematics courses.

Duration

This subject runs for TWO semesters.

Educational Objectives

- By the end of Year 10 Mathematics, students should be able to:
- Recognise the connection between simple and compound interest
- Solve problems involving linear equations and inequalities
- Make the connections between algebraic and graphical representations of relations
- Recognise the relationships between parallel and perpendicular lines
- Solve surface area and volume problems relating to composite solids
- Apply deductive reasoning to proofs and numerical exercises involving shapes
- Use triangle and angle properties to prove congruence and similarity
- Compare data sets by referring to the shapes of the various data displays
- Describe bivariate data where the independent variable is time
- Describe statistical relationships between two continuous variables
- Evaluate statistical reports
- List outcomes for multi-step chance experiments and assign probabilities
- Calculate quartiles and inter-quartile ranges
- Expand binomial expressions and factorise monic quadratic expressions
- Find unknown values after substitution into formulas
- Perform the four operations with simple algebraic fractions
- Solve simple quadratic equations and pairs of simultaneous equations
- Use trigonometry to calculate unknown angles in right-angled triangles

Topics of Study

- Financial mathematics
- Algebra
- Measurement
- Linear relationships
- Trigonometry
- Advanced trigonometry*
- Statistics and probability
- Geometry
- Non-linear relationships
- Polynomials*
- Surds and logarithms*
- *These topics will be covered in the Advanced stream and considered at broader levels in Mainstream and Foundation Mathematics.

Class Streams

To ensure all students are appropriately challenged and supported, Year 10 Mathematics is offered through three differentiated streams: Foundation, Mainstream, and Advanced. Placement is based on Year 9 performance and teacher recommendations.

Foundation

This course provides students with a comprehensive preparation for General Mathematics Unit 1 and 2 in Year 11. However, to be recommended for VCE Mathematics, students must demonstrate a solid understanding of the Year 10 topics. This course will focus on the applied topics of the Year 10 curriculum such as Trigonometry, Linear Graphs, Financial Mathematics and Statistics. The use of Computer Algebra System (CAS) technology is strongly encouraged in this course to aid students' understanding of the mathematical content.

Mainstream

This course is designed to prepare students for Mathematical Methods Units 1 and 2 or General Mathematics Units1 and 2, covering topics from both the applied and abstract areas of Mathematics. Students wishing to continue into Mathematical Methods 1 and 2 from this Mainstream class will need to show a solid understanding of the mathematics covered, especially in the areas of Algebra, Linear Relationships and Non-Linear Relationships.

Advanced

The Advanced course prepares students for Mathematical Methods Units 1 and 2 and Specialist Mathematics Units 1 and 2 by extending students further in their mathematical thinking. The topics covered will include all topics from the mainstream course as well as additional topics from the Australian Curriculum Mathematics 10A, including; Polynomials, Advanced Trigonometry and Surds and Logarithms. This stream is suited for high-achieving students aiming for mathematical pathways in VCE and beyond.

Methods of Assessment

Students will complete a variety of assessment tasks over each semester to demonstrate their understanding and application of mathematics concepts. These may include:

- Written skills and analysis tests
- Assignments, including problem-solving exercises and homework sheets
- End-of-semester examinations

VCE Course Pathways

Year 10 Mathematics leads into three different courses at VCE level: General Mathematics, Mathematical Methods (CAS) and Specialist Mathematics.

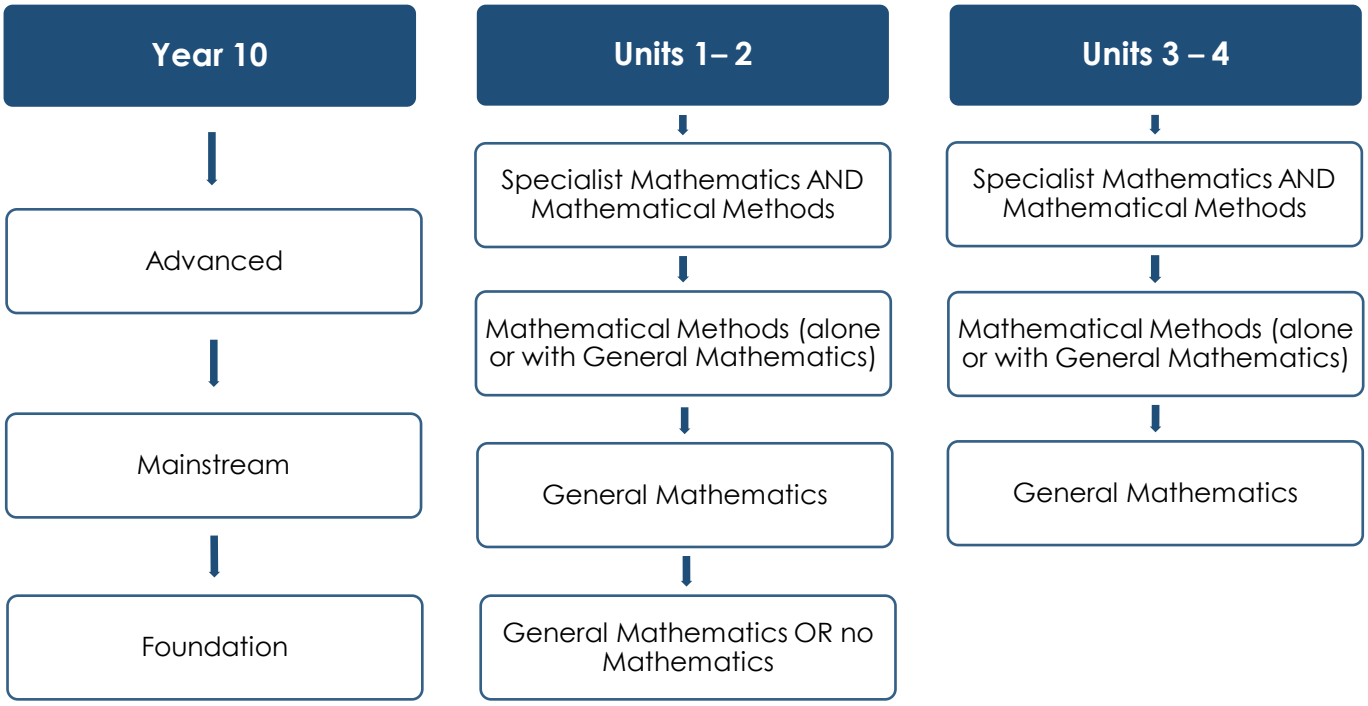
General Mathematics focuses on practical and applicable mathematical skills, offering a strong background for employment-related and everyday uses of mathematics. Students who perform well in this course may proceed to General Mathematics Units 3 and 4 in Year 12.

Mathematical Methods (CAS) involves highly abstract and theoretical content, developed in a sequential and conceptually demanding manner.

It leads directly into Mathematical Methods Units 3 and 4 in Year 12 and serves as a key prerequisite for many tertiary courses in science, commerce, technology, and health disciplines.

Specialists Mathematics Units 1 and 2 in Year 11 must be taken in conjunction with Mathematical Methods Units 1 and 2. Specialist Mathematics is a high-level course designed for students who are passionate and highly adept in the study of Mathematics. This pathway effectively prepares students for the study of Specialist Mathematics Units 3 and 4 in Year 12.

VCE Course Pathways continued



Entry Into VCE Mathematics

Year 10 will receive a recommendation in Term 3 for the VCE Unit 1-2 Mathematics subject for which they are most suited in the following year. These recommendations will be based primarily on students' test average and Semester 1 examination results using the following criteria.

Recommendation	Criteria
No VCE Mathematics	Test average and examination below 25%
General Mathematics Unit 1 and 2	Test average and examination above 25%
Mathematical Methods Unit 1 and 2	Test average and examination above 70%
Specialist Mathematics Unit 1 and 2	Test average and examination above 85%

Please note: Each student is considered individually, and recommendations are made at the teacher's discretion in consultation with the Head of Faculty – Mathematics.

Physical Education

Overview

The Year 10 curriculum supports students to refine and apply strategies for maintaining a positive outlook and evaluating behavioural expectations in different movement situations. Students learn to apply physical activity information to devise and implement personalised plans for maintaining and improving their own and others' fitness. Students learn to apply more specialised movement skills and complex movement strategies and concepts in different movement environments. They also explore movement concepts and strategies to evaluate and refine their own and others' movement performances.

Duration

This subject runs for ONE semester.

Educational Objectives

- Propose and evaluate interventions to improve fitness and physical activity levels in their communities
- Apply and transfer movement concepts and strategies to new and challenging movement situations
- Apply criteria to make judgments about and refine their own and others' specialised movement skills and movement performances
- Work collaboratively to design and apply solutions to movement challenges

Topics of Study

- Enhancing personal performance through fitness testing & training programs
- Body systems
- Coaching and Instruction
- Above topics applied via several sports including Volleyball, Lacrosse, Softball etc

Methods of Assessment

Students will complete a range of assessment tasks during the Semester. These may include:

- Skills assessments
- Fitness testing
- Project work
- Tests
- Practical laboratory reports
- End-of-semester examination

VCE Course Pathways

This unit will provide excellent grounding for VCE Physical Education.

Science

Overview

The Year 10 CORE Science curriculum is divided into the pure disciplines of Biology, Chemistry and Physics. The structure is designed to provide students with a rigorous introduction to these branches of science and a possible pathway into each in the pursuit of their VCE studies.

Biology includes a study of chromosomes, DNA function, genetics and patterns of inheritance. Chemistry studies focus on atomic structure, the Periodic table, chemical bonds and writing chemical formulae and equations. In Physics students analyse motion and Newton's laws.

Duration

This subject runs for ONE semester.

Educational Objectives

- Formulate questions and hypotheses appropriate for first-hand and second-hand investigations
- Plan, design and conduct first-hand investigations
- Evaluate experimental procedures and reliability of data
- Collect, process and record information systematically
- Analyse and synthesise data
- Draw conclusions consistent with the question under investigation and the evidence obtained
- Maintain safe practices
- Work independently and collaboratively as appropriate
- Apply understandings to familiar and new contexts and make connections between
- Analyse and evaluate the reliability of information and opinions in the public domain
- Solve problems, analyse issues and implications relating to scientific and technological developments
- Interpret, transpose and communicate information and ideas effectively

Topics of Study

- Periodic table, atomic structure and chemical bonding
- Genetic Inheritance and DNA function
- Motion and Newton's laws
- Methods of Assessment

Students will complete several assessment tasks over the semester. These may include:

- Practical reports or summary reports
- Extended practical investigations
- Analysis of first-hand and/or second-hand data using structured questions
- Assignments
- Unit tests
- End-of-semester examinations

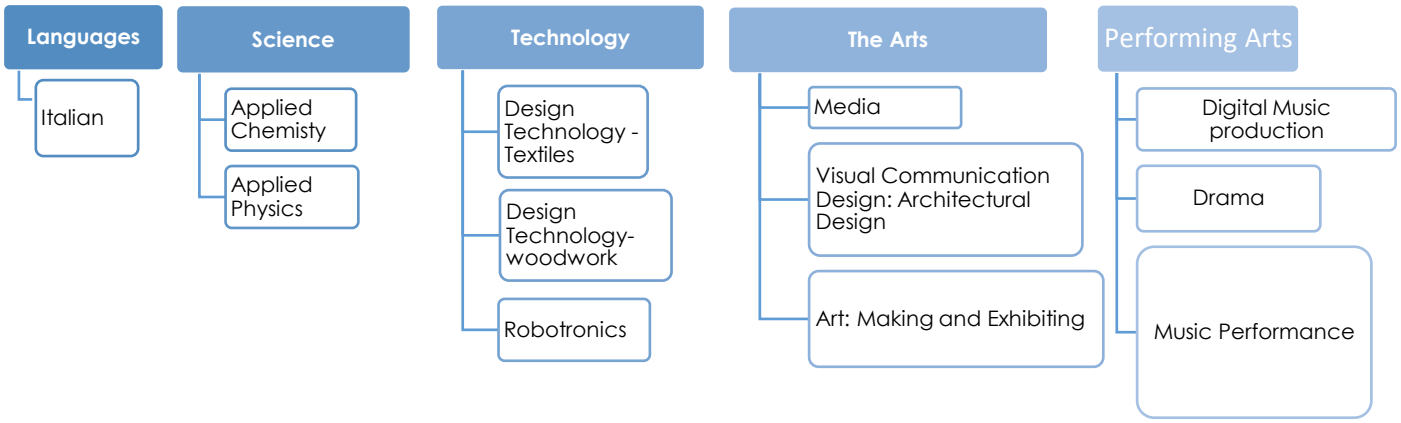
VCE Course Pathways

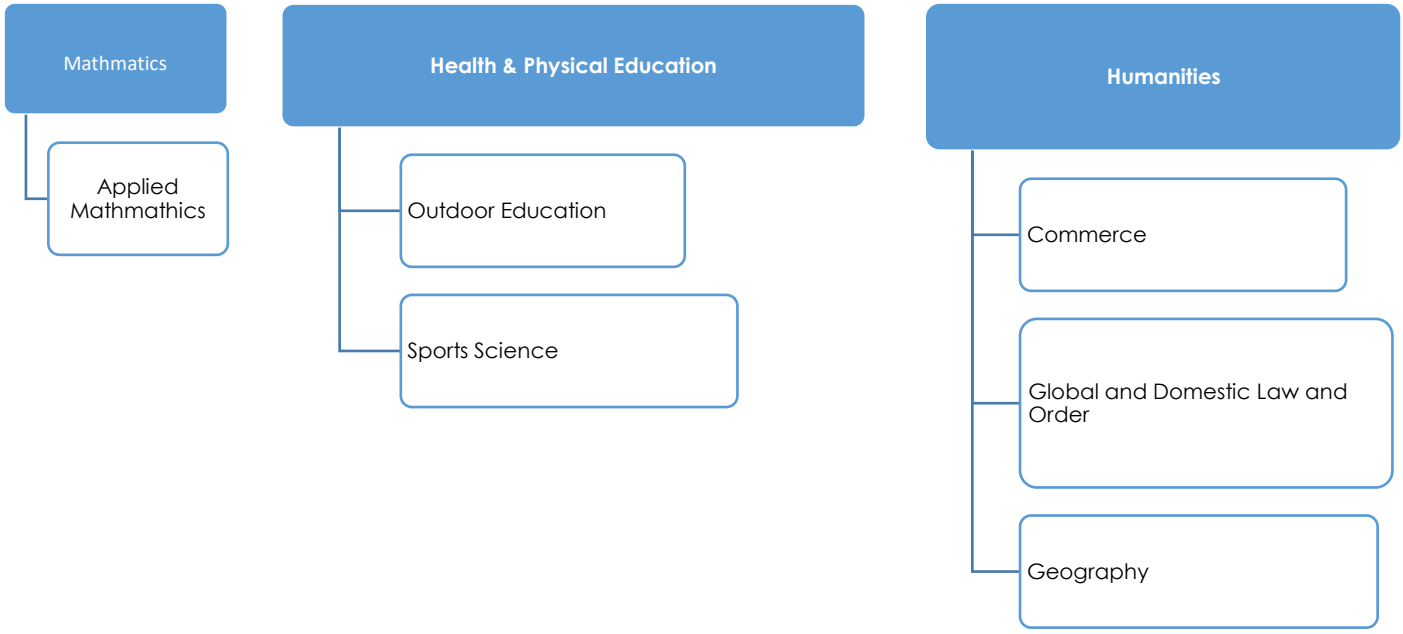
This unit will provide excellent grounding for the VCE Science disciplines of Biology, Chemistry, and Physics.

Elective Subject Information

The Year 10 elective program is designed to offer students a wide variety of choice to ensure breadth in their education, as well as an opportunity to try something new or focus on an area of interest. In Year 10, students are encouraged to think about shepherding their pathway toward VCE subject choices. Except for Italian, these electives are not prerequisites for any VCE study.

Students are to choose five. (If choosing Italian, this counts for two electives as does an accelerated Units 1 - 2 subject.)





Art: Making and Exhibiting

Overview

Art: Making and Exhibiting enables students to develop their skills and confidence in an art making. In this semester-based unit, students complete a thematic exploration and create an artwork in response to a class set theme. They learn about the role of the artist, craftsperson and designer and their contribution to society, and the significance of the creative industries. They examine how artists develop their practice and have used materials, techniques and processes. Students are encouraged to learn new skills and techniques through a series of art workshops, before moving towards creating an artwork in the artform, subject matter and style of their own choice. Students can explore artforms such as drawing, painting, printmaking, sculpture, textiles, installation, photography, time-based installation works, digital animation and/or video. Students have access to a range of traditional art resources as well as the latest technologies including Creative Cloud software, SLRs cameras, MAC lab, and 2D and 3D printing methods. The aim of the subject is for students make and exhibit their artworks for our class thematic exhibition.

Duration

This subject runs for ONE semester.

Educational Objectives

- Understanding and application of the studio process to successfully communicate, challenge and express their own ideas
- Understanding and application of materials, techniques and processes
- Understanding and application of critical, reflective and creative thinking strategies
- Curatorial knowledge and skill to exhibit artworks
- Ability to effectively apply OH&S knowledge in the Art Studio.

Topics of Study

- Exploration of art form: Photography, Drawing, Painting, Printmaking, Sculpture, Animation, Video, Textiles, Installation, Mixed Media.
- Studio Process
- Thematic study
- International Art and Current Exhibitions
- Contemporary Art
- Exhibitions

Methods of Assessment

- Finished artworks
- Visual Arts journal
- Art analysis assignment
- End-of-semester examination

VCE Course Pathways

This unit, while not a prerequisite for VCE Art Making and Exhibiting, will provide students with excellent grounding for the course.

Applied Chemistry

Overview

The Year 10 Applied Chemistry curriculum is specifically designed to establish strong foundations and prepare students with enhanced skills and knowledge to undertake VCE studies in Chemistry. Students study the structure of the atom, the Periodic Table and mathematical relationships involving atoms. Chemical bonding and the structure of substances enable students to understand the properties and applications of the materials. Materials investigated include metals, acids and bases, ionic substances and covalent substances. Students perform a range of practical techniques including volumetric analysis and gravimetric procedures.

Duration

This subject runs for ONE semester.

Educational Objectives

- Understand the differences between metallic, ionic and covalent bonding
- Recognise the various representations used to model chemical compounds
- Calculate the percentage composition of an element in a compound
- Use mathematical applications in calculating chemical quantities and quality of the yield produced during preparation of materials
- Formulate questions and hypotheses appropriate for first-hand and second- hand investigations
- Plan, design and conduct first-hand investigations
- Evaluate experimental procedures and reliability of data
- Collect, process and record information systematically; analyse and synthesise data

Methods of Assessment

Students will complete several assessment tasks over the semester. These may include:

- Practical reports or summary reports
- Extended practical investigations
- Analysis of first-hand and/or second-hand data using structured questions
- Assignments
- Unit tests
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Chemistry, will provide students with excellent grounding for the course.

Applied Mathematics

Overview

The Year 10 Applied Mathematics curriculum is specifically designed to establish strong mathematical foundations in trigonometry and calculus by providing an introductory study of simple elementary trigonometric functions and algebra, as well as differentiation and integration. The subject will also examine their applications in a variety of practical and theoretical contexts. The semester-based subject is designed as an introductory course to allow students to experience aspects of Mathematical Methods at VCE level. The course is intended for students who wish to explore mathematical concepts outside of the current curriculum, and who may be considering careers in biomedicine, science, engineering, commerce, agriculture and design.

Duration

This subject runs for ONE semester.

Educational Objectives

- Understand the Unit circle
- Review basic algebraic and trigonometric concepts
- Functions and graph sketching
- Fundamentals and calculations of rates of change in the physical world
- Applications to real life situations

Methods of Assessment

Students will complete several assessment tasks over the semester. These may include:

- Application tasks
- Inquiry tasks
- Assignments & Investigations
- Unit tests
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Mathematical Methods, will provide students with excellent grounding for the course.

Applied Physics

Overview

The Year 10 Applied Physics curriculum is specifically designed to establish strong foundations and prepare students with enhanced skills and knowledge to undertake VCE studies in Physics. The key areas of focus are Mechanics and Electricity. Mechanics explores concepts of motion such as displacement, velocity, acceleration, forces, energy, mass and gravity. In Electricity, students explore different types of circuits and learn about voltage drop, power loss and current. Students also undertake a range of practical investigations which allows them to obtain and analyse primary and secondary data.

Duration

This subject runs for ONE semester.

Educational Objectives

- Gather data to analyse everyday applications of kinematic and dynamic motion
- Explore electric circuits and the difference between components connected in series and parallel
- Formulate questions and hypotheses appropriate for first-hand and second- hand investigations
- Plan, design and conduct first-hand investigations
- ·Evaluate experimental procedures and reliability of data
- Collect, process and record information systematically; analyse and synthesise data

Topics of Study ·

- Kinematics
- Momentum and Energy
- Electric Circuits
- Methods of Assessment
- Students will complete several assessment tasks over the semester. These may include:
- Practical reports or summary reports
- Extended practical investigations
- Analysis of first-hand and/or second-hand data using structured questions
- Assignments
- Unit tests
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Physics, will provide excellent grounding for the course.

Commerce

Overview

Commerce provides students the opportunity to develop further their understanding of economics, accounting and business concepts by considering Australia's economic performance and standard of living. Students examine the consequences of decisions and the responses of businesses and consumers to changing economic conditions. Students also examine business processes and how productivity can be improved. Financial literacy is examined through the ATSIC Money Smart website and students study real-life scenarios: financial risk, debit/credit and making major purchases. There are two strands: knowledge and understanding and skills. These are interrelated and have been developed to specific local/regional/global contexts and contemporary case studies, issues and events.

Duration

This subject runs for ONE semester.

Educational Objectives

- Explaining the concept of money and money's use, household and personal income, budgeting, personal finance, payment choices, banking and financial institutions, consumer choice and consumer protection, investments and savings
- Understanding the importance of innovation, attributes of an enterprising person, the government's role in promoting enterprise, starting a business, business ethics, and ecological sustainability
- Analysing business ideas and considering the skills, knowledge and experience required to establish and operate a small business
- Understanding basic accounting terminology: cash transactions, bank reconciliation statements, credit transactions, profit and loss statements, balance sheets, and cash books
- Explaining basic economic concepts such as GDP, inflation and unemployment
- Analysing and explaining how goods and services are produced and how markets work including the influence consumers have
- Explaining the impact of macroeconomic and microeconomic policies on consumers and producers, businesses, government and the economy

Topics of Study

- Consumer influences
- Business productivity, enterprise and innovation
- Managing financial risk
- Economics influences
- Basic accounting principles

Methods of Assessment

- Business plans
- Tests
- Case studies
- Oral presentations
- Web quests
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Business Management and VCE Accounting, will provide students with an excellent grounding for these courses.

Design Technology – Textiles

Overview

Throughout the course, students will investigate the properties and uses of woven, knitted, printed, and embroidered fabrics. They will gain practical experience with a variety of textile techniques, including fabric printing, hand embroidery, and fabric manipulation, as well as garment construction and the production of textile products. Students will learn to operate specialist equipment such as sewing machines, overlockers, embroidery machines, and domestic knitting machines to create high-quality, functional textile items.

The course culminates in a major project, where students design and create a textile product of their choice—this may be a garment or an interior soft furnishing—demonstrating their design thinking, technical skills, and creativity.

By the end of this course, students will have a strong foundation in the Textiles industry, a deeper understanding of material properties, and practical skills that prepare them for further study or future pathways in VCE Product Design.

Duration

This subject will run for ONE semester

Educational Objectives

- Apply the Design Process to identify issues and challenges in order to develop creative textiles solutions
- Students will investigate and evaluate the properties, uses, and sustainability of woven, knitted, printed, and embroidered textiles
- Students will demonstrate proficiency in a range of textile techniques, including garment and soft furnishing construction, hand and machine embroidery, fabric manipulation, and fabric printing, using appropriate tools, equipment, and machinery.
- Students will explore and analyse practices within the Interiors and Fashion Textiles industries, considering the suitability, function, and aesthetic qualities of textile materials in different contexts.
- Students will independently design and produce a functional and aesthetic textile product

Topics of Study

- Design Process
- Textiles Materials, properties and applications
- Fashion and Interiors Industries
- Construction, manipulation and surface decoration techniques
- Major Textile Project

Methods of Assessment

Students will complete a range of assessment tasks over the course of the semester. These may include:

- Techniques sample book
- Research Task
- Major Design Project
- End of semester exam

VCE Course Pathway

VCE Product Design

Design Technology – Woodwork

Overview

This semester-long course introduces students to the fundamentals of woodworking within a design and technology context. Students will develop a range of practical skills through hands-on experience with hand tools and basic workshop machinery, including saws, chisels, planes, disc sanders, and drill presses. Emphasis is placed on safe operating procedures, accurate measuring and marking, and quality craftsmanship.

Using the design process, students will research, generate ideas, plan, produce, and evaluate a functional timber product. Sustainability is a key focus, with students learning about responsible timber sourcing, efficient material use, and strategies to reduce waste. They are encouraged to reflect on how design decisions impact the environment and society.

Through this course, students build critical and creative thinking skills, problem-solving abilities, and confidence in using technology and equipment. They also develop an understanding of timber properties, construction techniques, and workshop ethics. Students will maintain a folio of their design thinking and reflect on their finished product through self and peer evaluation.

Duration

This elective subject will run for ONE semester

Educational Objectives

- Develop Practical Skills - Students will demonstrate competency in using a range of hand tools and basic woodworking machinery, applying safe and accurate techniques in the production of timber projects.
- Apply the Design Process- Students will engage in all stages of the design process—researching, generating ideas, planning, producing, and evaluating—to solve design problems and create functional products.
- Promote Workshop Safety and Responsibility - Students will understand and follow safe workshop practices, including appropriate tool use, PPE, and hazard awareness, fostering a responsible and respectful learning environment.
- Incorporate Sustainable Design Principles - Students will examine the environmental impact of material selection and waste management, applying sustainable practices when designing and producing their projects.
- Reflect and Evaluate - Students will critically evaluate their own work and the work of others, using peer and self-assessment strategies to identify areas for improvement and celebrate craftsmanship and creativity.

Topics of study

- Properties, functions and selections of timber
- Design Process and Project Development
- Sustainability and Environmental Impact
- Workshop Safety and Tool Use
- Methods of Assessments
- Assessment in this subject may include:
- Technique samples
- Research Tasks
- Major Design Project
- End of semester examinations

VCE Course Pathway

VCE Product Design

Digital Music Production

Overview

This practical course builds on the skills introduced in the Year 9 elective but is open to all students, no prior experience is required.

Students will explore the world of modern music creation, live performance, and stage production. In composition, they will use MIDI sequencing, audio recording, and sampling to experiment with the elements of music and the science of sound. In performance, students will work individually and in groups using both traditional and electronic instruments, focusing on how technology can elevate musical expression. The stage production component develops students' technical skills in operating sound and lighting equipment. Students will also gain experience in designing and managing live events.

Duration

This subject runs for ONE semester

Educational Objectives

- Set up and operate a PA system for live performances, including effective sound mixing and control
- Perform music live using both acoustic and electronic instruments, enhanced by digital technology
- Design and program stage lighting for concerts and performances
- Use music software to sample, edit, and create original compositions
- Operate a range of digital music equipment including Launch Pads, Drum Machines and Guitar Effects Pedals

Topics of Study

- Technical production and stage setup
- Music composition and digital audio production
- Live group and solo performance
- Stage lighting design and DMX programming
- Analysis of Music Production
- Sound Theory

Methods of Assessment

- Original compositions using music production software
- Written analysis
- Weekly theory and tech-based learning activities
- Live performance and event production tasks
- End of semester written and practical examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Music, will provide students with excellent grounding for this course as well as Theatre Studies (Unit 1-4).

Drama

Overview

Year 10 Drama builds on the skills and knowledge developed in Year 9 Drama, with students continuing to explore a range of theatre styles and their associated conventions. They consider specific audiences and purposes as they engage in the play-making process to develop fully realised performance works for an audience. Practical workshops are dynamic and interactive, equipping students with the skills to create compelling dramatic stories. Students analyse drama and theatre performances of other dramatists, developing critical thinking and theatrical literacy as a foundation for further study in VCE Theatre Studies.

Duration

This subject runs for ONE semester.

Educational Objectives

- Explore a range of performance and theatre styles and apply their associated conventions
- Create original drama works in a range of theatre styles, applying relevant conventions and techniques to develop style-specific performances
- Refine their application of the expressive skills of voice, gesture, movement, and facial expression through practical workshops
- Explore and apply play-making techniques when devising their own drama works
- Develop their understanding of and apply the elements of theatre composition to the works of other dramatists
- Engage in a range of production roles
- Analyse and evaluate the work of professional and peer artists to deepen their understanding of dramatic meaning and performance

Topics of Study

- Theatre styles and conventions
- Expressive skills
- Drama performance analysis
- Production roles
- Theatre production process

Methods of Assessment

- participation in practical Drama workshops
- Devising, rehearsing and presenting a performance piece.Analysing and reviewing a live performance
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Theatre Studies, will provide students with excellent grounding for the course.

Geography

Overview

This elective focuses on earth sciences and environmental change. Students explore management of the environment and biomes, through deep study of inland waters, the urban environment and the oceans. The students investigate environmental processes that support all life, the major challenges to their sustainability, and the environmental world views – including those of Aboriginal and Torres Strait Islander peoples – that influence how people perceive and respond to these challenges. They apply human-environment systems thinking to understand the causes and consequences of change and geographical concepts and methods to evaluate and select strategies to manage change.

Duration

This subject runs for ONE semester.

Educational Objectives

- Explain how interactions between geographical processes at different scales change the characteristics of places
- Identify, analyse and explain significant interconnections between people, places and environments and explain changes that result from these interconnections and their consequences
- Predict changes in the characteristics of places and environments over time, across space and at different scales and explain the predicted consequences of change
- Evaluate alternative views on a geographical challenge and alternative strategies to address this challenge using environmental, economic, political and social criteria and draw a reasoned conclusion
- Record and represent multi-variable data in the most appropriate digital and non-digital forms
- Use a range of methods and digital technologies to interpret and analyse maps, data and other information
- Propose action in response to a contemporary geographical challenge, taking into account environmental, economic, political and social considerations.

Topics of Study

- Deforestation
- Water Scarcity and Conflict
- Are we damaging our oceans? – the scourge of plastic waste

Methods of Assessment

- Fieldwork and case studies
- Research
- Structured questions
- Extended Responses
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Geography, will provide students with an excellent grounding for the course.

Global and Domestic Law and Order

Overview

This elective subject aims to develop students' awareness of global and domestic issues pertaining to their civic responsibilities and participation. It also aims to develop students' critical thinking skills, and to think innovatively. Two core values are excellence and integrity, which this course aims to develop through interesting and challenging coursework to build on their curiosity, as well as to develop individuals who have a strong sense of morality and respect alternative views, cultures and systems. Students will become more informed about the world they are living in and better prepared to participate meaningfully in our political and legal systems both on a domestic and global scale. Students will use these critical thinking skills to communicate on a global scale and enable them to understand and engage with international issues. This subject aims to empower students to have their say on both domestic and international issues and engage actively with the world.

Duration

This subject runs for ONE semester.

Educational Objectives

- Develop, select and evaluate a range of questions to investigate Australia's political and legal systems
- Critically evaluate information and ideas from sources in relation to issues of civics and citizenship
- Account for different interpretations and points of view.
- Recognise and consider multiple perspectives and use strategies to resolve contentious issues.
- Present evidence-based arguments using subject-specific language.
- Reflect on their role as a citizen in Australian, regional and global contexts.

Topics of Study

- Theories of International Relations such as Marxism, Green Politics, Liberalism, Realism.
- Case Study—non-democratic country
- Globalisation and its effect on politics plus how countries protect rights in sovereign nations
- Principles of Justice
- Constitutional democracy—what is it and how does it work?
- Political parties and their agendas
- Rights and their protections in Australia- How well do we protect rights? Express and Implied Rights
- Influencing a change in the law
- Criminal Investigation Process
- Police Powers v Individual Rights: Does one outweigh the other?
- Introduction to civil and criminal law

Methods of Assessment

- Structured Questions
- Extended Responses
- Essays
- Case Studies
- Class Presentations

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Legal Studies or VCE Australian and Global Politics, will provide students with excellent grounding for these courses.

Italian

Overview

In Year 10, students will bring their prior experience and capabilities of learning Italian to apply to their new learning. The course will expand the range and nature of their learning experiences and of the contexts in which they communicate with others in Italian. Students will expand their vocabulary and grammar, giving them an opportunity to experiment with different forms of communication. They continue to learn to use Italian to communicate and interact with each other, to access and exchange information, to express feelings and opinions, to participate in imaginative and creative experiences, and to design, interpret and analyse a range of texts and experiences. Students explore language variation and change, noting how intercultural experiences, technology, media and globalisation influence language use and forms of communication. They also investigate links between the Italian language and cultural representation and expression and learn to analyse and reflect on different viewpoints and experiences, including their own cultural stance, action and responses.

Duration

This subject runs for TWO semesters.

Educational Objectives

- Exchange and compare ideas, experiences, opinions and feelings through spoken and written transactions
- Convey and organise information and compare diverse perspectives from multiple sources in Italian
- Create and respond to imaginative texts about themes, events and values
- Translate texts for Italian to English and vice versa
- Understand and extend knowledge of more complex features and patterns of Italian grammatical systems
- Analyse the features of a range of spoken, written and multimodal texts
- Reflect on intercultural exchanges and the ways in which language is used to establish relationships, indicate social values and enhance reciprocity

Topics of Study

- Travelling and the globalised world
- The history of Immigration in the 20th and 21st centuries
- The creativity of Italian people
- Passion for Italian fashion
- Future aspirations

Methods of Assessment

Students will complete a range of assessment tasks over the semester. These will include:

- Written assessments
- Reading assessments
- Listening assessments
- Speaking assessments
- End-of-semester examinations

VCE Course Pathways

This course is a prerequisite and direct pathway into VCE Italian.

Media

Overview

The Media course is designed to give students an understanding of the relationship between media and its audiences. This is done through the exploration and application of media tools in the analysis and construction of representations. Students study the way in which they are not only consumers, but producers of media, and analyse representation and genre through theoretical and practical lessons. The aim is to expose students to a wide variety of media, problem solving skills and creative stimuli, providing enough experience for students to make an informed choice about the possibility of pursuing this pathway for VCE. Most importantly, students learn about the role of the media in our society and their role in being both critical and creative when working with the media.

Duration

This subject runs for ONE semester.

Educational Objectives

- Planning for media products
- Creative problem solving
- Technological skill in media equipment and ICT
- Software knowledge in Adobe creative suite and other third-party software and applications
- Teamwork
- Personal discipline through individually managed projects
- A willingness to analyse society and its influences

Topics of Study

- Film making (and genre study)
- Photojournalism and the power of the image

Methods of Assessment

- Research
- Planning
- Practical completion
- Evaluation
- End-of-semester examination.

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Media, will provide students with excellent grounding for this course.

Music Performance

Overview

This unit develops previously learnt performance and musicianship skills. Students present performances of selected group and solo music works using one or more instruments. They study the work of other performers and explore strategies to optimise their own approach to performance. They study aural, theory and analysis concepts to develop their musicianship skills and apply this knowledge when preparing and presenting to audiences.

Students are **not** required to already learn an instrument or to be technically proficient.

Duration

This subject runs for ONE semester.

Educational Objectives

- Perform and rehearse as part of an ensemble and/or soloist on a chosen instrument or instruments.
- Analyse and evaluate selected influences on performance works and approaches that can be used to create expressive outcomes
- Develop aural skills and music theory knowledge
- Undertake a range of composition, arranging and practical tasks to further develop musical understanding.

Topics of Study

- Stagecraft
- Ensemble skill
- Analysis of musical works
- Musicianship
- Composition and arranging
- Basic instrumental skills

Methods of Assessment

Students will complete a range of assessment tasks over the semester. These will include:

- Performance: Group and/or Solo
- Practical Tasks
- Written and aural assessment
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Music, will provide students with excellent grounding for this course as many outcomes are based on the VCE study design.

Outdoor Education

Overview

Outdoor Education provides students with the skills and knowledge to participate safely in activities in outdoor environments and to respect and value diverse environments. The blend of direct practical experience of outdoor environments with more theoretical ways of knowing enables informed understanding of human relationships with nature. Students will be taking part in camps and subject-related excursions throughout the course.

Duration

This subject runs for ONE semester.

Educational Objectives

- Understand a range of outdoor environments
- Use a compass
- Read basic land maps
- Understand motivations for outdoor experiences
- Understand the principle of 'minimal impact' and the need to behave accordingly
- Understand various risks associated with using outdoor environments
- Understanding personal responses to outdoor environments
- Understand the influence of media on outdoor experiences
- Understanding factors that affect our outdoor experiences
- Understanding to environmental impact of climate change
- Scientific understanding of outdoor environments

Topics of Study

- Understanding outdoor environments
- Navigation and map reading
- Minimal impact
- Risk Management
- Trip preparation

Methods of Assessment

Students will complete a range of assessment tasks during the semester. These may include:

- Project work
- Written report
- Topic tests
- Oral presentations
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Health and Physical Education, will provide students with excellent grounding for the course.

Additional Cost Involved

Students in this course will need to pay an additional cost of $250 to cover expenses related to camps and subject-specific excursions.

Robotronics

Overview

Robotronics is a project-based elective that aims to enable students to further develop their understanding of and skills in coding, physical computing, software engineering and design technology. They develop a broader understanding of 21st century and interpersonal STEM skills of project management, communication, teamwork (collaboration) and innovation. Students identify and produce innovative responses to real-world problems using design and computational thinking routines and information systems to analyse, design and develop solutions. The subject strengthens the connections between classroom learning and technology industry pathways. It asks students to be confident, empowered and entrepreneurial producers.

Duration

This subject runs for ONE semester

Educational Objectives

- Develop an understanding of systems engineering and applied computing processes apply the problem-solving methodology
- Apply digital and design skills and knowledge to solve technological problems
- Develop an understanding of how technologies have transformed people's lives and can be used to solve challenges associated with climate change, efficient energy generation and use, security, health, education and transport
- Develop skills in the safe, efficient and effective use of tools, equipment, materials, machines and processes
- Apply project management techniques
- Develop critical and creative thinking, communication and collaboration, and personal, social and ICT skills

Topics of Study

- Identifying and producing solutions using new technologies
- Design challenge (e.g., climate change, efficient energy generation and use, security, health, education and/or transport)
- Design and computational thinking
- Sustainable practices
- Industry pathways
- Methods of Assessment
- Folio
- Production work
- Practical demonstrations
- End-of-semester examinations.

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Applied Computing and VCE Systems Engineering, will provide excellent grounding for these courses. Students wishing to pursue either of these courses would also benefit from studying at least one of the Year 10 Electronics/Digital Technology electives.

Sports Science

Overview

Sports Science provides students with an introduction to the theory components pertaining to the content covered in VCE Physical Education. The elective serves to develop students' understanding in the foundation studies of sport and exercise science. Through various practical activities students explore the scientific principles behind sporting performance. Students are also provided with the opportunity to apply their knowledge by using heart rate and blood pressure monitors, GPS units, Smartphone Apps and other technologies to enhance their learning.

Duration

This subject runs for ONE semester.

Educational Objectives

On the completion of this unit, students will have a developed understanding of the theories pertaining to sport and exercise science. Students should be able to demonstrate an understanding of:

- The energy systems used during sporting performance
- A range of legal methods that can be used to enhance sporting performance
- The anatomical names of the large skeletal muscles in the body
- The correct terminology used to identify bones, joints and types of joint actions
- The cardiorespiratory system

Topics of Study

- Acute responses to exercise
- Body systems
- Introduction to energy systems
- Enhancing sports performance – nutrition, hydration, training methods
- Skill analysis

Methods of Assessment

Students will complete a range of assessment tasks during the semester. These may include:

- Project work
- Written report
- Topic tests
- Oral presentations
- End-of-semester examination

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Physical Education, will provide students with excellent grounding for the course.

Visual Communication Design: Architectural Design

Overview

Architectural Design teaches students the Environmental Visual Communication and Design field. Architectural Design enables students to develop their skills and confidence in two-dimensional and three-dimensional drawing. They will develop drawing and rendering skills, and study specific conventions relating to each field. Students will use computer technology in the development and presentation of designs. They will analyse the design process that architects and graphic designers use in developing and producing visual communications. There is also strong emphasis of three-dimensional modelling techniques.

Duration

This subject runs for ONE semester.

Educational Objectives

- The use and application of two-dimensional drawing methods such as plans, elevations and orthogonal projections
- The use and application of three-dimensional drawing methods such as perspective, isometric and planometric views
- Application of the Australian Standards and Conventions to drawings
- The use and application of the design process to solve design problems and create final solutions.
- Construction techniques using suitable materials and safe handling practices

Topics of Study

- Technical drawing in context – two-dimensional and three-dimensional drawing methods to represent form, proportion and scale
- Design industry practice – different roles within the Environmental Design and Industrial Design Industry
- Designing to a brief – designing to a specific need for a 'client' using the design process.

Methods of Assessment

- These may include:
- A folio of completed Visual Communications including models
- Visual diary - the submission of a visual diary containing a collection of resources, ideas, sketches and annotations
- Written responses - including questions in class, homework, and evaluation of completed designs
- Respond and interpret- the analysis and evaluation of visual communication designs for different audiences and purposes in different contexts
- End-of-semester examination.

VCE Course Pathways

This unit, while **not** a prerequisite for VCE Visual Communication and Design, will provide students with excellent grounding for the course.

Contacts

Before making decisions about course composition and balance, students and parents may wish to seek advice from relevant staff.

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