



Miami

State High School

First Class Location, World Class Education

Year 10

Subject Booklet

2024

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Welcome to Senior Secondary at Miami SHS

The purpose of Year 10 is to:

- prepare for subjects in Year 11 and 12
- sample subjects you might be considering in Year 11 and 12
- begin to build pathways to qualifications and further learning beyond school

Subject Selection:

- All students must study 6 subjects for the entirety of Year 10
- All subjects run for the whole year
- All students must study English and Maths. Students will be placed in their level of English and Maths. Selected students will be invited to do Extension Maths.
- All students must study 4 electives.
- Students must have been accepted into a sports excellence subject.

Consider the following when choosing your elective subjects:

- What subjects sound interesting and I think I would like to try before I get to year 11 and 12?
- Have I considered my future learning pathways eg. university, TAFE or Work?
- Do I need to build strengths in any particular areas?
- Should I choose certain subjects that may relate to my career aspirations and my strengths?

Year 10 Subjects

The Arts

- Dance
- Drama
- Media Arts
- Music
- Visual Art
- Visual Art in Practice

English

- English

Humanities

- Geography
- History (Modern and Ancient)
- Legal Studies

Digital Innovation

- Accounting
- Business
- Business Studies
- Digital Solutions
- Economics
- Information & Communication Technology

Excellence

- AFL Excellence
- Rugby 7s Excellence
- Surfing Excellence
- Tennis Excellence
- Touch Football Excellence

Mathematics

- Advanced Maths
- Aerospace Systems
- Essential Mathematics
- Extension Mathematics
- General Mathematics

Design Technologies

- Design
- Design Technology
- Fashion
- Food & Nutrition
- Hospitality
- Industrial Graphics Skills

Global Studies

- Japanese
- Spanish

Science

- Aquatic Practices
- Biology
- Chemistry
- Physics
- Psychology
- Science

Health & Physical Education

- Health
- Sport & Recreation
- Physical Education

DANCE

Elective Learning Area

The Arts

Course Outline

Dance is made available for students from a wide range of abilities and experiences. The program seeks to provide a foundation for performance, choreography and responding as well as offers those students who are already skilled practitioners, opportunities to extend themselves.

Pathways

Year 11 Dance

Artistic Director, Choreographer, Dance Educator/Teacher, Dance Historian, Dance/Movement Therapist, Dance Studio Owner, Performer, Primary/Secondary School Teacher, Events Manager, Television Host, Community Wellness Officer, Physiotherapist, Dance Journalist

Structure

Areas of study	Core topics
Unit 1 - Moving Landscapes: Urban	<ul style="list-style-type: none">Hip HopAnalyse & apply the elements of dance, choreographic structures and production elementsChoreography task
Unit 2 - Moving Landscapes: World	<ul style="list-style-type: none">French Can Can/German CabaretDemonstrate technical & expressive skillsAnalyse, interpret & evaluate dancePerformance taskResponding task
Unit 3 - Moving Landscapes: Civilized	<ul style="list-style-type: none">Contemporary DanceDevelop a dance workProject: Responding, Choreography & Performance task

Assessment

Assessment includes practical and theory tasks which assess the areas of performance, choreography and responding.

- Performance Tasks
- Choreography Tasks
- Project
- Analytical essay/exam

Additional Costs

Additional costs may include an excursion to a performance or workshop and costumes for the Dance Excel Showcase.

Uniform

Full length black dance tights

Energetiks Addison black singlet (SKU: cc60 or Ac60) can be purchased online at

www.energetiks.com.au

Soft black jazz shoes

Black leotard (Energetix Emery SKU:AL01)

Black dance shorts (Energetiks SKU: AT03T)

DRAMA

Elective Learning Area

The Arts

Course Outline

This subject aims to provide students with the skills to be a confident public speaker and performer, as well as an effective play reviewer/analyst.

Pathways

Year 11 Drama

Year 11 Drama in Practice

Primary/Secondary Teacher, Actor, Director, Arts Administrator, Set Designer, Stage Manager, Writer, Film Producer, Journalist

Structure

Areas of study	Core topics
Unit 1: Be Empowering (Collage Drama)	<ul style="list-style-type: none">Students will examine relevant youth issues and explore how the body can communicate meaning through collage drama techniques.
Unit 2: Be Active (Physical Theatre):	<ul style="list-style-type: none">Students will be introduced to physical theatre where they are encouraged to communicate through the use of physical movement, dance and mime.
Unit 3: Be Real (Realism):	<ul style="list-style-type: none">Student will explore theatre practitioners approach to realistic acting and apply this to an Australian performance.

Assessment

Making: Scripted Performance

Responding: Extended Response (*written, oral, multimodal*)

Making: Student-Devised Performance

Responding: In-class exam (*written*)

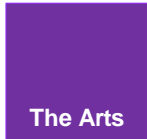
Additional Costs

Additional costs may include an excursion to a production (cost dependent upon specific production)

Students may also be required to supply props or costumes for some sections of practical work.

MEDIA ARTS

Elective Learning Area



Course Outline

Film, Television and New Media is both a practical and theory based subject. The program seeks to provide students with the foundations of moving image technical and symbolic codes, enabling students to develop their filmmaking and critiquing skills.

Pathways

Year 11 Film, Television & New Media

Year 11 Media Arts in Practice

Structure

Areas of study	Core topics
Unit 1: ' <i>Foundations of Film</i> '	<ul style="list-style-type: none">Students explore film technical and symbolic codes to convey meaning and context on screen.
Unit 2: 'Music Video Stylistic Moving Image'	<ul style="list-style-type: none">Students examine stylistic conventions of music videos through the analysis, design and production of music video clips.

Assessment

- 1a. Making: Moving image portfolio including trailer mashup, scene recreation, and camera and editing tests.
- 1b. Responding: In class exam (written) responding to a question discussing a scene out of a Hollywood Narrative film viewed in class.
- 2a. Making: Design and produce an original narrative music video in small groups that could be screened at a film festival.
- 2b. Responding: Investigation – case study of a music video clip director and their body of work.

Specialist Equipment Required

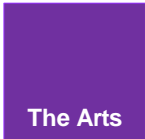
Students are required to have a 16GB USB

Additional Costs

Additional costs may include an excursion to a local company in order to observe aspects of this subject in an industry context (approximate cost \$25.00)

MUSIC

Elective Learning Area



Course Outline

The focus of this subject is to build student performance skills both as a solo artist and as an ensemble member. The development of western music will also be covered through the analysis of Music forms. Teaching and learning offers a holistic approach to studying music that encourages a greater appreciation and understanding of this art form.

Pathways

Performer, Teacher, Composer, Sound Technician, Band Member, Music Therapist, Musician, Music Producer, Songwriter, Recording Engineer, Primary/Secondary Teacher, Music Director, Conductor, Music Journalist

Structure

Areas of study	Core topics
Unit 1 – Music Designs	<ul style="list-style-type: none">• “Learning by doing”• Understanding how the treatment and combination of different music elements enable musicians to design music that communicated meaning through performance and composition• Audio production• Song writing• Musical composition• Music performance• Musicianship
Unit 2 – Music Identities	<ul style="list-style-type: none">• “Learning by doing”• Improving the understanding of music elements, concepts and practices to communicate cultural, political, social and personal identities when performing, composing and responding to music• Music performance in different styles• Audio engineering• Live sound production• Musicianship

Assessment

Unit 1 – Performance and Composition

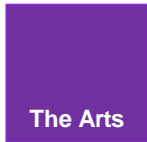
Unit 2 – Performance and Project

Specialist Equipment Required

Students are NOT required to already possess skills to play a musical instrument as this will be taught in class time. No specific equipment is required

VISUAL ART

Elective Learning Area



Course Outline

This subject focuses on the material and conceptual world of visual art while developing students as young artists and connecting them as audience to the experiences, ideas and messages within our contextual layers from personal art experience to communal and global ones.

Pathways

Year 11 Visual Art

Practicing Artist, Curator Gallery Assistant, Studio Assistant, Graphic Designer, Illustrator, Community Arts Worker, Art Historian, Art Critic Art Teacher/Therapist

Structure

Areas of study	Core topics
Unit 1 - <i>Art as Lens</i>	<ul style="list-style-type: none">Students look to the material world using different viewpoints or “lenses”, for inspiration. They will make art from figuration through to abstraction and learn of ways artists can represent spirituality through shapes and colours. Students will work through creative processes to create new meaning in their own artwork.
Unit 2 - <i>Art as Code</i>	<ul style="list-style-type: none">Students look to diverse traditions and cultural practices to examine how formal visual language and symbolism is used by artists to create meaning and how that language transcends over time, culture and geography. They explore philosophical ideas and make art on various topics such as: reality, rebellion, determinism, absurdity, free will, and control.

Assessment

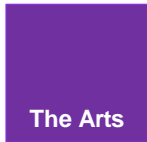
- 1a: Making: Experimental Folio
- 1b: Responding: Research Essay
- 2a: Making: Individual Body of Artwork
- 2b: Responding: In-class Exam (Written)

Additional Costs

Additional costs may include one excursion to a major exhibition (approximate cost \$25.00)

VISUAL ART IN PRACTICE

Elective Learning Area



Course Outline

This subject focuses on the material and conceptual world of visual art while developing students as young artists. Students draw on inspiration from the natural and urban environment to create individual artworks. They document and reflect on their own visual arts practice. Students will be experimenting with a range of exciting art making techniques and will also be involved in collaborating and exhibiting their own work.

Pathways

Year 11 Visual Arts in Practice

Practicing Artist, Curator Gallery Assistant, Studio Assistant, Graphic Designer, Illustrator, Community Arts Worker, Art Historian, Art Critic Art Teacher/Therapist

Structure

Areas of study	Core topics
Art in 2D	<ul style="list-style-type: none">• Drawing• Printmaking
Art in 3D	<ul style="list-style-type: none">• Ceramics
Art in the Market	<ul style="list-style-type: none">• Textiles• Craftmaking• Developing a marketable art product
Art in the Community	<ul style="list-style-type: none">• Creative collaborative artworks

Assessment

Students will complete assessment in four strands

- Exploring and responding
- Developing practices and skills
- Creating and making
- Presenting and performing

Additional Costs

Additional costs may include one excursion to a major exhibition (approximate cost \$30)

ACCOUNTING



Elective Learning Area

Course Outline

Accounting is a universal discipline, encompassing the successful management of financial resources of the public sector, businesses and individuals. It is foundational to all organisations across all industries and assists in discharging accountability and financial control. Accounting is a way of systematically organising, critically analysing and communicating financial data and information for decision-making. Accounting is for students with a special interest in business, commerce, entrepreneurship and the personal management of financial resources

Is this subject for you?

I like to

- Be able to manage finances
- Work with people
- Plan and think ahead
- Problem solve
- Manage people and projects
- Be entrepreneurial
- Work with numbers
- Be innovative
- Use IT
- Run your own business

Pathways

Year 11 Accounting
Year 11 Business

Structure

Areas of study	Core topics
Basic Accounting Principals	<ul style="list-style-type: none">• Accounting Equation• From Journals to Balance Sheets
Computerised Accounting	<ul style="list-style-type: none">• Excel Processes
The Accounting Process	<ul style="list-style-type: none">• Financial Analysis

Assessment

- Exam
- Written Analysis
- Practical Projects

Additional Costs

Nil unless excursions are arranged.

BUSINESS



Elective Learning

Area Course

Outline

Business is multifaceted. It is a contemporary discipline with representation in every aspect of society including individuals, community and government. Business, as a dynamic and evolving discipline, is responsive to environmental changes such as emerging technologies, globalisation, sustainability, resources, economy and society.

The study of business is relevant to all individuals in a rapidly changing, technology-focused and innovation-driven world. Through studying Business, you are challenged academically and exposed to authentic and real-life practices. The knowledge and skills developed in Business will allow you to contribute meaningfully society, the workforce and the marketplace and prepare them as potential employees, employers, leaders, managers and entrepreneurs of the future.

In this subject you will investigate the business life cycle from seed to post-maturity stage and develop skills in examining business data and information. You will learn business concepts, theories, processes and strategies relevant to leadership, management and entrepreneurship.

Is this subject for you?

I like to:

- Work with people
- Plan and think ahead
- Problem solve
- Manage people and projects
- Be entrepreneurial
- Work with numbers
- Be innovative
- Use IT
- Run your own business

Pathways

Year 11 Business

Year 11 Diploma of Business

Business Management, Human Resource Management, Operations Management, Administration, Management, Small Business Ownership

Structure

Areas of study	Core topics
Business Practices	<ul style="list-style-type: none">• Introduction to basic Business principles• Business start up• Franchises• Marketing

Assessment

- Business fundamentals - Exam
- Feasibility report
- Franchise inquiry report
- Marketing Exam

BUSINESS STUDIES

Elective Learning Area

Digital
Innovation

Course Outline

This subject provides opportunities for students to develop practical business knowledge and participate and work in a range of business contexts and projects, while using a range of technology concepts and skills.

Is this subject for you?

I like to

- Work with others
- Organise events
- Problem solve
- Be innovative
- Manage people and projects
- Use IT effectively

Pathways

Year 11 Business Studies

Year 11 Diploma of Business

Structure

Areas of study	Core topics
Business Practices	<ul style="list-style-type: none">• Event Management• Administration• Entrepreneurship• Marketing

Assessment

- Extended response
- Projects
- Portfolio

DIGITAL SOLUTIONS

Elective Learning Area



Course Outline

This subject sets the foundation for a career in many popular areas of technology by allowing students to gain the valuable skills required to produce professional tasks in all aspects of digital design.

Is this subject for you?

I like to

Be creative
Connect people with technology
Problem solve
Manage projects

Program
Be innovative
Design and build something new

Pathways

Year 11 Digital Solutions

11 Information Communication Technologies

Structure

Areas of study	Core topics
Programming methods	Psuedocode and PHP programming
Application development	Web Design and Development
Database manipulation	Database design and manipulation using SQL

Assessment

Student Portfolios
Practical Projects
Multimodal
Presentation
Examinations

Additional Costs

Nil unless excursions are arranged.

ECONOMICS



Elective Learning Area

Course Outline

Economics is integral to every aspect of our lives: our employment opportunities, business operations and living standards. This subject challenges students to use evidence in order to solve problems in a world of complex global relationships. Decision making is core – how to allocate and distribute scarce resources to maximise well-being.

Is this subject for you?

I like to

- Understand current events
- Work with data to explore relationships
- Evaluate different possibilities

- Make decisions based on evidence
- Discuss findings collaboratively
- Use IT

Pathways

- Year 11 Accounting
- Year 11 Economics
- Year 11 Business
- Year 11 Business Studies

Structure

Areas of study	Core topics
Markets and models	The basic economic problem Economic flows Market forces
Modified markets	Markets and efficiency Case studies

Assessment

Students will be assessed through either an investigation – research report, an extended response to stimulus or examination on the following criteria:

- Comprehending economic concepts, principles and models
- Selecting data and economic information
- Analysing economic issues
- Evaluating economic outcomes
- Creating responses that communicate economic meaning

INFORMATION AND COMMUNICATION TECHNOLOGY



Elective Learning Area

Course Outline

This subject provides opportunities for students to develop practical ICT skills through real world problems.

Is this subject for you?

I like to:

- Problem solve
- Design and create ICT ideas
- Work with computers

- Be innovative
- Manage people and projects
- Use IT effectively

Pathways

Year 11 Information and Communication Technologies

Structure

Areas of study	Core topics
ICT Practices Use of various software to demonstrate industry practices, skills and processes in any of the below topics:	App development Audio and video production Layout and publishing Digital Imaging and modelling Web Development and maintenance

Assessment

- Extended response
- Project

DESIGN



Elective Learning Area

Course Outline

Design focuses on the application of design thinking to envisage creative products, services and environments in response to human needs, wants and opportunities. Designing is a complex and sophisticated form of problem- solving that uses divergent and convergent thinking strategies that can be practiced and improved.

Students learn how design has influenced the economic, social and cultural environment in which they live. Students learn about and experience design through exploring needs, wants and opportunities; developing ideas and design concepts; using drawing and low-fidelity prototyping skills; and evaluating ideas and design concepts.

Pathways

Year 11 Design

Structure

Areas of study	Core topics
Graphic Design	<ul style="list-style-type: none">• Elements and principles of design• Colour theory
Architecture	<ul style="list-style-type: none">• Famous architects• Architectural drawing types• Design process
Industrial Design	<ul style="list-style-type: none">• 2D, 3D Modeling• Materials• Sketch Up, Autodesk Inventor
Sustainable Design	<ul style="list-style-type: none">• Economic, social and ecological factors• Product lifecycle

Assessment

2x Projects Folio of work

Exam – Design Challenge

Additional Costs

Nil unless excursions are arranged

DESIGN TECHNOLOGY



Elective Learning Area

Course Outline

Design Technology focuses on the underpinning industry practices and construction processes required to create, maintain and repair the built environment. Students learn to meet customer expectations of quality at a specific price and time. In addition, they understand industry practices; interpret specifications, including information and drawings; safely demonstrate fundamental construction skills and apply skills and procedures with hand/power tools and equipment; communicate using oral, written and graphical modes; organise, calculate and plan construction processes; and evaluate the structures they create using predefined specifications.

Pathways

Year 11 Building and Construction Skills, Year 11 Engineering Skills, Year 11 Furnishings Skills

Structure

Areas of study	Core topics
Building and Construction <ul style="list-style-type: none">• Carpentry• Safety	<ul style="list-style-type: none">• Demonstrate fundamental construction skills• Select and apply construction skills and procedures in construction tasks• Create structures from specifications• Interpret drawings and technical information• Plan and adapt construction processes• Evaluate industry practices, construction processes and structures, and make recommendations.
Engineering Skills <ul style="list-style-type: none">• Sheet Metal• Fitting and Turning• Safety	<ul style="list-style-type: none">• Describe industry practices in manufacturing tasks• Demonstrate fundamental production skills• Interpret drawings and technical information• Select and apply production skills and procedures in manufacturing tasks• Plan and adapt production processes• Evaluate industry practices, construction processes and structures, and make recommendations.
Furnishings Skills <ul style="list-style-type: none">• Furniture joints• Finishing• Laminating timber• Safety	<ul style="list-style-type: none">• Interpret drawings and technical information• Analyse manufacturing tasks to organise materials and resources• Plan and adapt production processes• Create products from specifications• Evaluate industry practices, production processes and products, and make recommendations.

Assessment

OHS – Online tests, Journal and Workbook
Practical Projects – Wooden Trinket Box, Metal Lunch Box, Saw Horse

FASHION

Elective Learning Area



Course Outline

Fashion explores what underpins fashion culture, technology and design. Students use their imaginations to create, innovate and express themselves and their ideas, and to design and produce design solutions in a range of fashion contexts.

Students learn to appreciate the design aesthetics of others while developing their own personal style and aesthetic. They explore contemporary fashion culture; learn to identify, understand and interpret fashion trends; and examine how the needs of different markets are met.

Pathways

Year 11 Fashion

Structure

Areas of study	Core topics
Fashion Culture	<ul style="list-style-type: none">Identify and interpret fashion fundamentals
Fashion Technologies	<ul style="list-style-type: none">Explain design briefs
Fashion Design	<ul style="list-style-type: none">Demonstrate elements and principles of fashion design and technical skills in fashion contextsAnalyse fashion fundamentalsFashion drawing

Assessment

UNIT 1

Fashion Design Folio

Fashion technology – sewing machine, over-locker and ironing skills Construction techniques

Fabric manipulation Fashion Drawing

Project: Design and make an embellished shoulder bag to take to the 'Splendour in the Grass' Festival - (practical construction skills)

UNIT 2

Design Folio

Elements and principles of fashion design

Fashion Drawing

Project: Construct a pair of embellished Tailored Shorts to wear to the 'Splendour in the Grass' Festival - (practical construction skills)

Design Folio (record the design process during the construction of your product)

UNIT 3

Design folio

Fashion Drawing

Independent research

Project: 'Fun in the Sun' Report (research why Queenslanders need to be sun-safe, sun-safe fashions options, fashion drawing).

UNIT 4

Design Folio

Elements and principles of fashion design

Fashion Drawing

Dyeing and printing techniques

Project: 'Dynamic Dyes and Powerful Prints for the Sun' - Construct a pair of dyed or printed board shorts to wear to in the sun - (practical construction skills)

Design Folio (record the design process during the construction of your product).

Specialist Equipment Required

Students will be supplied with a Fashion Design Folio and fabric to construct their shoulder bag, tailored garment and board shorts.

FOOD AND NUTRITION



Elective Learning Area

Course Outline

Food and Nutrition is the study of food in the context of food science, nutrition and food technologies, considering overarching concepts of waste management, sustainability and food protection.

Students explore the chemical and functional properties of nutrients to create food solutions that maintain the beneficial nutritive values. This knowledge is fundamental for continued development of a safe and sustainable food system that can produce high quality, nutritious solutions with an extended shelf life. Their studies of the food system include the sectors of production, processing, distribution, consumption, research and development.

Pathways

Year 11 Food and Nutrition

Structure

Areas of study	Core topics
<ul style="list-style-type: none">• The Food System• Nutrients Found in Food• Sensory Profiling• The Chemical and Functional Properties of Protein• The Chemical and Functional Properties of Carbohydrates• Food Safety• Preservation and Spoilage Prevention• Consumer Driver and Developing Food Solutions	<ul style="list-style-type: none">• Recognise and describe food and nutrition facts and principles• Explain food and nutrition ideas and problems• Determine solution requirements and criteria• Generate solutions to provide data to determine the feasibility of the solution• Make decisions about and use mode-appropriate features, language and conventions for particular purposes and contexts.

Assessment

Project

Folio

Additional Costs

Additional cost will include ingredients for assessment tasks

HOSPITALITY

Elective Learning Area



Course Outline

Hospitality Practices develops knowledge, understanding and skills about the hospitality industry and emphasises the food and beverage sector, which includes food and beverage production and service.

Students develop an understanding of hospitality and the structure, scope and operation of related activities in the food and beverage sector and examine and evaluate industry practices from the food and beverage sector.

Pathways

Year 11 Hospitality Practices

Structure

Areas of study	Core topics
Navigating the Hospitality Industry	<ul style="list-style-type: none">Explain concepts and ideas from the food and beverage sector
Working Efficiently with Others	<ul style="list-style-type: none">Describe procedures in hospitality contexts from the food and beverage sector
Hospitality in Practice	<ul style="list-style-type: none">Examine concepts and ideas and procedures related to industry practices from the food and beverage sector
	<ul style="list-style-type: none">Apply concepts and ideas and procedures when making decisions to produce productsUse language conventions and features to communicate ideas and information for specific purposes.

Assessment

UNIT 1:

Investigation of current café trends with a focus on current Australian food trends and sustainability

Investigation of modern cooking trends

Weekly theory and Standard Recipe Card Activities (written booklet)

Weekly practical activities of Café standard recipes

Project - Digitally-written Folio, Product and Performance component – Create a Risotto for Coeliac Australia Website.

UNIT 2:

Investigation of Sustainability, Australia's Multi-Cultural Cuisine and Current Food Trends

Weekly theory and Standard Recipe Card Activities (written booklet)

Weekly practical activities of Café standard pizza recipes

Project - Digitally-written Folio, Product and Performance component – Pizza Food-truck Food Item Event.

UNIT 3

Food service and Current Food Trends.

Weekly theory and Standard Recipe Card Activities (written booklet)

Weekly practical activities of Café standard soup recipes

Project - Digitally-written Report, Product and Performance component – Soup Kitchen Event.

UNIT 4

Food service and Current Café Operation Trends.

Weekly theory and Standard Recipe Card Activities (written booklet)

Weekly practical activities of a Café standard entrée and main course. Table setting and napkin folding

Types of menus and menu

writing Customer service

Project - Digitally-written Report, Product and Performance component – Table setting, menu writing and customer service.

INDUSTRIAL GRAPHICS SKILLS



Elective Learning Area

Course Outline

Industrial Graphics Skills develop skills related to interpreting drawings and technical information, and manual and computerized drawing. The majority of learning is done through drafting tasks that relate to business and industry.

Pathways

Year 11 Industrial Graphics Skills

Structure

Areas of study	Core topics
Drafting for residential building	•
Computer aided manufacturing drawing	•
Computer aided drafting – modelling	•
Graphics for industry	•

Assessment

For each unit:

- Project
- Practical demonstration

ENGLISH

English

Compulsory Learning Area

Course Outline

In English, students study texts by different authors and examine language features, images, vocabulary and individual styles. Students will learn to develop their own interpretations of texts. Additionally, they will develop their own writing and speaking styles by experimenting with different devices and effects. Students will create a wide range of texts to articulate complex ideas and demonstrate understanding of grammar, vocabulary, spelling and punctuation.

Pathways

Year 11 Essential English Year 11 General English Year 11 Literature

Year 12 English and Literature Extension

Structure

Areas of study	Core topics
Unit 1: Perspectives and Texts	<ul style="list-style-type: none">• Representations of Teenagers
Unit 2: Texts and Culture	<ul style="list-style-type: none">• Short stories and poetry
Unit 3: Textual Connections	<ul style="list-style-type: none">• Study of Shakespearean tragedy – Fair is foul and foul is fair
Unit 4: Close study of Literary Texts	<ul style="list-style-type: none">• Novel study – Rebellion and Revolution

Assessment

Unit 1: Written response for a public audience

Unit 2: Imaginative response - Gothic short story

Unit 3: Persuasive multimodal

Unit 4: Analytical written response

Additional Costs

Additional costs may include an excursion visiting speakers and writers

EXCELLENCE

AFL, Rugby 7s, Surfing, Tennis, Touch Football.

Excellence

Elective Learning Area

Course Outline

Students in Sporting Excellence programs will further develop their skills in their chosen sport, including having access to elite coaches and strength and conditioning sessions. The course content will follow the Senior Sport and Recreation syllabus, with units selected which will complement the development of the students' sporting skills.

Pathways

Selection in the course is a 3-year commitment across Years 10, 11 and 12. Students are in a vertical class with Senior students.

Structure

Areas of study	Core topics
Coaching and Officiating	<ul style="list-style-type: none">Coaching other students in skill progression
Fitness	<ul style="list-style-type: none">Fitness testing, strength and conditioning sessions
Athlete Development and Wellbeing	<ul style="list-style-type: none">Sport psychology
Optimising Performance	<ul style="list-style-type: none">Recovery sessions

Assessment

For each unit:

- Project
- Performance

Additional Costs

Program dependent

JAPANESE

Elective Learning Area

Global
Studies

Course Outline

Students continue their study of the Japanese language and culture in a variety of relevant contextual settings. They are given communicative tasks in “new” unrehearsed situations, which provide scope to continue to explore the level of language they have been learning. As well, they need to improve their use of Hiragana, Katakana and basic Kanji. This means not only a mastery of grammar, vocabulary and pronunciation, but also an understanding of the cultural context in which the language is used. There are opportunities for students to become immersed in the unique culture of the Japanese people with visits to Japanese restaurants and possible study tours in Japan.

Pathways

Year 11 Japanese

Structure

Areas of study	Core topics
Term 1 - Travel	<ul style="list-style-type: none">Students will be working on a travel unit. They will use adjectives in the varying tenses to describe places and activities.
Term 2 – Folk Tales & Fairy Tales	<ul style="list-style-type: none">Students will learn new vocab and grammar through immersive experience with Japanese Fairy Tales, and write their own story to share with a young audience.
Term 3 – Japanese Culture	<ul style="list-style-type: none">Students will compare their world and the contribution of Japanese culture to the world.
Term 4 - Future	<ul style="list-style-type: none">Students will discuss their future goals, learning profession words.

Assessment

Assessment items are designed to build the student’s confidence and level of proficiency across the four macro skills: listening, speaking, reading & writing. Assessment instruments may include: formative in-class quizzes, written assignments and examinations.

Additional Costs

Nil unless excursions are arranged

SPANISH

Elective Learning Area

Global
Studies

Course Outline

Students continue their study of the Spanish language and culture in a variety of relevant contextual settings. They are given communicative tasks in “new” unrehearsed situations, which provide scope to continue to explore the level of language they have been learning. This means not only a mastery of grammar, vocabulary and pronunciation, but also an understanding of the cultural context in which the language is used. There are opportunities for students to become immersed in the unique culture of Spanish people with visits to Spanish restaurants and possible study tours in Spain.

Pathways

Year 11 Spanish

Structure

Areas of study	Core topics
Term 1 – My City	<ul style="list-style-type: none">Students will discuss the features and activities of a city. They will use adjectives and verbs in the varying tenses to describe places.
Term 2 – Travel	<ul style="list-style-type: none">Students will work on a travel unit focusing on Spanish speaking countries. They will apply previously learnt and new grammar to plan and discuss a trip.
Term 3 – Our World	<ul style="list-style-type: none">Students will compare their world, such as local and global issues and use this to discuss a health issue from a Spanish speaking country.
Term 4 – Future Aspirations	<ul style="list-style-type: none">Students will discuss their future goals, learning profession words and apply these in context to specific audiences and their own values and beliefs.

Assessment

Assessment items are designed to build the student’s confidence and level of proficiency across the four macro skills: listening, speaking, reading & writing. Assessment instruments may include: formative in-class quizzes, written assignments, examinations and speaking tasks.

Additional Costs

Nil unless excursions are arranged

HEALTH

Elective Learning Area



Course Outline

Health uses an inquiry approach informed by the critical analysis of health information to investigate sustainable health change at personal, peer, family and community levels. Students define and understand broad health topics, which they reframe into specific contextualised health issues for further investigation. Each term a different health issue is studied

Pathways

Year 11 Health Education

Studying Health can lead to further education and employment in the fields of health science, public health, health education, allied health, nursing and medical professions.

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">Family Health (Nutrition)
Term 2	<ul style="list-style-type: none">Peer Health (Mental Health)
Term 3	<ul style="list-style-type: none">Community Health (Road Safety)
Term 4	<ul style="list-style-type: none">Peer Health (Resilience)

Assessment

Term 1 Examination 25%

Term 2 Extended Response 25%

Term 3 Action Research Report 25%

Term 4 Written – short response project 25%

The results from each of the assessments are added together to provide a subject score out of 100.

Additional Costs

NIL unless excursions are arranged

SPORT AND RECREATION

Elective Learning Area



Course Outline

Students will develop their knowledge and understanding of topics relevant to a variety of sporting and recreational pursuits. With a focus on participation, there are many practical opportunities to develop interest in lifelong recreational interests.

Pathways

Year 11 Cert II in Outdoor and Recreation

Year 11 Cert II in Sport and Recreation / Cert III in

Fitness Year 11 Sport and Recreation

Structure

Areas of study	Core topics
Term 1	Sports First Aid / Games & Sports
Term 2	Coaching / Minor Games
Term 3	Community Fitness / Personal Fitness
Term 4	Beach Culture and Identity / Beach sports

Assessment

Term 1 – Exam and Performance (25%)

Term 2- Project and Performance (25%)

Term 3 – Investigation and Performance (25%)

Term 4 – Podcast and Performance (25%)

Additional Costs

Please refer to the Fee Schedule located at www.miamishs.eq.edu.au NIL unless excursions are arranged

PHYSICAL EDUCATION

Elective Learning Area



Course Outline

Students will experience a range of physical activities linked to a core theory topic. It provides an opportunity to learn in, through and about sport and active physical activities.

Pathways

Year 11 Physical Education

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">Motor learning
Term 2	<ul style="list-style-type: none">Sports Psychology
Term 3	<ul style="list-style-type: none">Tactical Awareness
Term 4	<ul style="list-style-type: none">Exercise Physiology

Assessment

Term 1 Project Folio 25%

Term 2 Project Folio 25%

Term 3 Project Folio 25%

Term 4 Written response 25%

Additional Costs

NIL unless excursions are arranged

GEOGRAPHY



Elective Learning Area

Course Outline

Geography teaches us about the significance of 'place' and 'space' in understanding our world. These two concepts are foundational to the discipline, with the concepts of environment, interconnection, sustainability, scale and change building on this foundation. By observing and measuring spatial, environmental, economic, political, social and cultural factors, geography provides a way of thinking about contemporary challenges and opportunities.

Pathways

Year 11 Geography

Structure

Areas of study	Core topics
Unit 1 - Natural and Ecological Hazards	<ul style="list-style-type: none">Students will consider how natural and ecological hazards represent potential sources of harm to human life, health, income and property, and may affect elements of the built and natural environments.
Unit 2 - Environmental Change	<ul style="list-style-type: none">Students will focus on the use and management of resources, the production of waste and subsequent impacts on the global climate and environment.
Unit 3 - Sustainable Places	<ul style="list-style-type: none">Students will focus on the challenges faced by places at various scales in the world today; sustainability challenges faced by a place in Australia and a megacity in a developing country.
Unit 4 - Global Interconnections	<ul style="list-style-type: none">Students will consider that we live in an increasingly interconnected world. Patterns of production and consumption, as well as movements of people, bring about changes that impact on people and places in this world.

Assessment

- Stimulus response
- Field report
- Practical test
- Knowledge short response

Additional Costs

Additional costs may include a compulsory excursion (i.e. Field Trip)

HISTORY (Modern and Ancient)



Elective Learning Area

Course Outline

History is a discipline-based subject where students examine traces of humanity's recent past so they may form their own views about the world. Through history, students' curiosity and imagination is invigorated while their appreciation of civilisation is broadened and deepened. Students learn that the past is contestable and tentative. They discover how the past consists of various perspectives and interpretations. History distinguishes itself from other subjects by enabling students to empathise with others and make meaningful connections between the past, present and possible futures.

Pathways

Year 11 Modern and Ancient History

Structure

Areas of study	Core topics
Unit 1	<ul style="list-style-type: none">Myths and legends in ancient History
Unit 2	<ul style="list-style-type: none">Totalitarianism in Nazi Germany
Unit 3	<ul style="list-style-type: none">World of ancient Sparta
Unit 4	<ul style="list-style-type: none">Assassination of Martin Luther King. US Civil Rights.

Assessment

- Short response to stimulus
- Essay in response to stimulus
- Independent source investigation
- Essay based on historical research

Additional Costs

Nil unless excursions are arranged

LEGAL STUDIES



Elective Learning Area

Course Outline

This subject provides students with a basic introduction to the legal system.

Pathways

Year 11 Certificate IV in Crime and Justice

Year 11 Legal Studies

Structure

Areas of study	Core topics
Unit 1	<ul style="list-style-type: none">• Introduction to the law
Unit 2	<ul style="list-style-type: none">• Criminal Law
Unit 3	<ul style="list-style-type: none">• Family Law
Unit 4	<ul style="list-style-type: none">• Human Rights
Electives	<ul style="list-style-type: none">• Sport, Technology and the Law

Assessment

Combination response exam

Inquiry report

Argumentative essay

Additional Costs

An excursion to the Southport Courthouse may take place. The cost will only be bus fare to and from

ADVANCED MATHEMATICS



Compulsory Learning Area

Course Outline

Advanced Mathematics emphasises the development of positive attitudes towards the student's involvement in mathematics. This development is encouraged through the use of relevant personal and work related learning experiences.

Pathways

Year 11 General Mathematics

Year 11 Mathematical Methods

Year 11 Specialist Mathematics

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">Algebraic equations
Term 2	<ul style="list-style-type: none">IndicesTrigonometry
Term 3	<ul style="list-style-type: none">SurdsQuadratics
Term 4	<ul style="list-style-type: none">ParabolasFunction Notation

Assessment

Problem solving and modelling task

Supervised tests

Additional Costs

Nil unless excursions are arranged

AEROSPACE SYSTEMS



Elective Learning Area

Course Outline

In this subject, students use systems thinking habits, systems thinking strategies, and aerospace technology knowledge, concepts and principles to explore problems and develop solutions.

Pathways

Year 11 Aerospace Systems

Bachelor of Aviation Griffith University (Flight operations or Flight management), Apprenticeships/Traineeships (Cert III remote pilot UAV, Cert IV Aeroskills), Bachelor of Engineering, (Major in Aeronautics, Avionics, Air Traffic Control, Meteorologist, Aerodrome Reporting Officer) Bachelor of Business & Enterprise (Aviation Tourism) Diploma in Aviation (TAFE)

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">AeronauticsAerodynamics
Term 2	<ul style="list-style-type: none">Aircraft SystemsFlight instruments
Term 3	<ul style="list-style-type: none">Airline/Airport OperationsMeteorology and navigationAir traffic control
Term 4	<ul style="list-style-type: none">Human factors and evolution of aerospace systemsAir crash investigation and safety management systems

Practical Components throughout the year
<ul style="list-style-type: none">Fold n Fly paper plane sciencePowerup 4.0 remote control paper planesBoeing Microsoft Flight SimulatorDrones

Assessment

Folio Assignments Supervised tests

Additional Costs

Nil unless excursions are arranged.

ESSENTIAL MATHEMATICS



Compulsory Learning Area

Course Outline

Essential Mathematics Skills emphasises the development of real-life numeracy elements of money, travel and data. This will prepare students for Essential Mathematics in Year 11 and 12.

The course also incorporates the Short Course in Numeracy. Successful completion of this will meet the numeracy component of the Queensland Certificate of Education (QCE) and gain one QCE point.

Pathways

Year 11 Essential Mathematics

School linked TAFE courses, Traineeships and Apprenticeships

Structure

Areas of study	Core topics
Term 1	• Money, Travel and Data
Term 2	
Term 3	• Short Course in Numeracy
Term 4	

Assessment

Supervised tests

Assignments

Additional Costs

Nil unless excursions are arranged

EXTENSION MATHEMATICS



Elective Learning Area

Course Outline

Extension Mathematics aims to provide the opportunity for future students to participate more fully in lifelong learning and to appreciate Mathematics.

Pathways

Year 11 Mathematical
Methods Year 11 Specialist
Mathematics

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">• Operations with polynomials• Matrix arithmetic
Term 2	<ul style="list-style-type: none">• Trigonometric functions• Trigonometric graphing
Term 3	<ul style="list-style-type: none">• Indices• Logarithms• Exponential Functions• Graphing Exponentials
Term 4	<ul style="list-style-type: none">• Vectors in the plane

Assessment

Problem solving and modelling task
Supervised tests

Additional Costs

Nil unless excursions are arranged

GENERAL MATHEMATICS



Compulsory Learning Area

Course Outline

General Mathematics emphasises the development of positive attitudes towards the student's involvement in mathematics. This development is encouraged through the use of relevant personal and work related learning experiences.

Pathways

Year 11 Essential
Mathematics Year 11
General Mathematics Year 11
Mathematical Methods

Structure

Areas of study	Core topics
Term 1	<ul style="list-style-type: none">Algebra ICoordinate geometryUnivariate Data
Term 2	<ul style="list-style-type: none">Right angle trianglesSimultaneous equationsMeasurement
Term 3	<ul style="list-style-type: none">Bivariate dataNon Right Angle Triangles
Term 4	<ul style="list-style-type: none">MatricesArithmetic and Geometric Sequences

Assessment

Problem solving and modelling task
Supervised tests

Additional Costs

Nil unless excursions are arranged

AQUATIC PRACTICES

Elective Learning Area

Science

Course Outline

Pathways

Year 11 Aquatic Practices

Structure

Areas of study	Core topics
Marine Ecosystems and Organisms	<ul style="list-style-type: none">• Structure and function of marine ecosystems and organisms
Boat Design & Knots	<ul style="list-style-type: none">• Basic design and construction of boats• Identify and construct knots• Investigate function/purpose of various knots
Oceanography and Marine Radio	<ul style="list-style-type: none">• Weather, tides and waves• Marine Radio communication
Water Safety and CPR/First Aid	<ul style="list-style-type: none">• Aquatic safety skills and responses to aquatic based emergencies

Assessment

Written Examination Performance (practical skills) Project

Extended Response

Additional Costs

Nil unless excursions are arranged

BIOLOGY

Elective Learning Area



Course Outline

Pathways

Year 11 Biology

Structure

Areas of study	Core topics
Cells & Systems	<ul style="list-style-type: none">structure and function of plant and animal systems at cell, tissue, organ & system levels
Maintaining the Internal Environment	<ul style="list-style-type: none">homeostasis, health & disease
Ecology & Biodiversity	<ul style="list-style-type: none">ecosystems, adaptations & population dynamics
DNA, Genetics & Evolution	<ul style="list-style-type: none">patterns of inheritance, evolutionary genetics & diversity of life

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

Nil unless excursions are arranged

CHEMISTRY

Elective Learning Area



Course Outline

Pathways

Year 11 Chemistry

Structure

Areas of study	Core topics
Classifying Substances	<ul style="list-style-type: none">linking the structure of elements, compounds and mixtures to their physical and chemical properties
Chemical Reactions	<ul style="list-style-type: none">exploring chemical reactions for conservation of atoms, mass and energy
Solutions and Quantitative Analysis	<ul style="list-style-type: none">aqueous systems including acids and bases and concentration; precipitation and titration experiments
Structure and Design	<ul style="list-style-type: none">organic chemistry and its role in designing new materials

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

Nil unless excursions are arranged

PHYSICS

Elective Learning Area

Science

Pathways

Year 11 Physics

Structure

Areas of study	Core topics
Introduction to Physics	<ul style="list-style-type: none">Introduce the language and conventions used in Physics.
Energy	<ul style="list-style-type: none">Research technologies related to thermal energy, energy production and efficiency.
Motion	<ul style="list-style-type: none">Utilise Newton's laws to understand motion in two dimensions.
Waves	<ul style="list-style-type: none">Identify the properties of waves and how they transfer energy.
Solar System Physics	<ul style="list-style-type: none">Explore the Physics concepts that govern the movement of objects in the solar system
Electricity	<ul style="list-style-type: none">Investigate the movement of electrical charge and the basic components of an electric circuit.

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

NIL unless excursions are arranged

PSYCHOLOGY

Elective Learning Area



Pathways

Year 11 Psychology

Structure

Areas of study	Core topics
Individual development	<ul style="list-style-type: none">• Cognition, human consciousness and sleep
Individual behaviour	<ul style="list-style-type: none">• Diagnosis, intelligence, emotion and motivation
Individual thinking	<ul style="list-style-type: none">• Visual perception, memory and learning
The influence of others	<ul style="list-style-type: none">• Social psychology

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

NIL unless excursions are arranged

SCIENCE

Elective Learning Area



Pathways

Year 11 Aquatic Practices

Entry requirements as stated by various employers

Structure

Areas of study	Core topics
Physics	<ul style="list-style-type: none">the universe, energy, forces and motion
Marine Science	<ul style="list-style-type: none">global systems, climate change, biodiversity
Chemistry	<ul style="list-style-type: none">atomic structure and properties of elements, chemical reactions
Biology	<ul style="list-style-type: none">DNA, genetics, evolution

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

Nil unless excursions are arranged