



# Miami

## State High School

First Class Location, World Class Education

# Year 10

# Subject Guide

# 2026

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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 a Mathematics subject (either Core Mathematics, Mathematics or Advanced Mathematics). Extension Mathematics can be taken as an additional subject to Advanced Mathematics.
- 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
- Core Mathematics
- Extension Mathematics
- Mathematics



## Design Technologies

- Design
- Design Technology
- Fashion
- Hospitality



## 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"><li>Hip Hop</li><li>Analyse &amp; apply the elements of dance, choreographic structures and production elements</li><li>Creating &amp; Making Task (Choreography)</li></ul>
Unit 2 - Moving Landscapes: World	<ul style="list-style-type: none"><li>French Can Can/German Cabaret</li><li>Demonstrate technical &amp; expressive skills</li><li>Analyse, interpret &amp; evaluate dance</li><li>Presenting &amp; Performance Task (Performance)</li><li>Exploring &amp; Responding Task (Written Exam)</li></ul>
Unit 3 - Moving Landscapes: Civilized	<ul style="list-style-type: none"><li>Contemporary Dance</li><li>Develop a dance work</li><li>Project – Creating &amp; Making (Choreography)<ul style="list-style-type: none"><li>Exploring &amp; Responding (Evaluative Response)</li><li>Presenting &amp; Performing (Performance)</li></ul></li></ul>

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

### 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

The Arts

### 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: 'Music Video Stylistic Moving Image'	Students examine stylistic conventions of music videos through the analysis, design and production of music video clips.
Unit 2: 'National Cinema'	Students examine the filmmaking differences between Hollywood and individual countries cinema storytelling styles.
Unit 3: 'Genre Experts'	Students examine the conventions of genre and apply them through the manipulation of codes and conventions of film production.
Unit 4: 'Surf Film Stylistic Production'	Students examine the conventions of genre and apply them through the manipulation of codes and conventions of film production.

### Assessment

- 1a. Making: Design and produce an original narrative music video in small groups that could be screened at a film festival.
- 1b. Responding: Investigation – case study of a music video clip director and their body of work.
- 2a. Responding: In class exam (written) responding to a question discussing a National Cinema narrative film viewed in class.
- 3a. Making: Design and Produce an original narrative genre production in small groups that could be screened at a school event.
- 3b. Responding: Develop a Film Treatment and Reflective statement as part of the pre- and post-production processes.
- 4a. Making: Design and Produce an original moving image media production utilizing the conventions of documentary filmmaking to create a 'Surf Film'.
- 4b. Responding: Develop a Film Treatment and Storyboards as part of the standard pre-production processes.

### Specialist Equipment Required

Students are required to have a 32GB USB and a 32GB SD Card to ensure safe storage and transfer of their footage and data.  
Recommended: A laptop with the minimum required specifications to run the Adobe Premiere Pro editing software package.

### 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

The Arts

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

### 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

The Arts

### 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: In Focus – Perspectives in Mixed Media	Students will explore new perspectives and means of expression by creating a mixed media artwork (drawing and/or printmaking) inspired by a stimulus of their choice. Through experimenting with diverse materials, techniques, and processes, students will begin to develop a personal style and aesthetic. This unit teaches students to view subjects and their meanings from multiple perspectives.
Unit 2: Chimeric Archetypes – Surreal Forms	Students will delve into surrealism by creating chimeric forms inspired by archetypes, incorporating symbolic elements that convey deeper meanings. Students will construct imaginative dream-like sculptures informed by research conducted on surrealist artists, whilst exploring the broader use of symbolism in surrealism and developing skills in three-dimensional construction.
Unit 3: Beyond the Surface – Sculpting Meaning	Students will create a folio of experimental artworks, focusing on the concept of artworks on ceramics and textiles with meaning. They will explore various ceramic painting and textile printing techniques to develop their ideas and create dynamic, expressive pieces. Inspired by contemporary and modern artists, students will incorporate both aesthetic and conceptual elements into their artworks.
Unit 4: Art for Change – Walls that Speak	Students will delve into the dynamic world of street art, with a particular focus on stencil art. Through the analysis of iconic works by various street artists, students will design their own stencil artworks, creating impactful images and messages that address contemporary issues. The unit has potential for collaborative work, highlighting the importance of collaboration to amplify the power of visual messages.

### 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 \$25.00)

# VISUAL ART IN PRACTICE

## Elective Learning Area

The Arts

### 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
Exploring Art in 2 Dimension	Exploring and experimenting with a variety of drawing and printmaking media, developing skill sets in multiple techniques and presentation formats.
Exploring Art in 3 Dimension	Exploring and experimenting with a variety of sculptural mediums, developing skill sets in multiple techniques and presentation formats.
Art in the Market	Developing alternative artifacts and crafted items for marketable opportunities in the local community using a variety of different textiles.
Art in the Community	Creative collaborative artworks and projects determined by the community partnership established at the time (ATSIC, NAIDOC, Swell).

### 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

Digital  
Innovation

### 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"><li>• Accounting Equation</li><li>• From Journals to Balance Sheets</li></ul>
Computerised Accounting	<ul style="list-style-type: none"><li>• Excel Processes</li></ul>
The Accounting Process	<ul style="list-style-type: none"><li>• Financial Analysis</li></ul>

### Assessment

- Exam
- Written Analysis
- Practical Projects

### Additional Costs

Nil unless excursions are arranged.

# BUSINESS

## Elective Learning

Digital  
Innovation

### 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"><li>• Introduction to basic Business principles</li><li>• Business start up</li><li>• Franchises</li><li>• Marketing</li></ul>

### 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"><li>• Event Management</li><li>• Administration</li><li>• Entrepreneurship</li><li>• Marketing</li></ul>

### Assessment

- Extended response
- Projects
- Portfolio

# DIGITAL SOLUTIONS

## Elective Learning Area

Digital  
Innovation

### 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

Digital  
Innovation

### 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

Digital  
Innovation

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

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

### 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"><li>Identify and interpret fashion fundamentals</li></ul>
Fashion Technologies	<ul style="list-style-type: none"><li>Explain design briefs</li></ul>
Fashion Design	<ul style="list-style-type: none"><li>Demonstrate elements and principles of fashion design and technical skills in fashion contexts</li><li>Analyse fashion fundamentals</li><li>Fashion drawing</li></ul>

### 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.

# 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"><li>Explain concepts and ideas from the food and beverage sector</li></ul>
Working Efficiently with Others	<ul style="list-style-type: none"><li>Describe procedures in hospitality contexts from the food and beverage sector</li></ul>
Hospitality in Practice	<ul style="list-style-type: none"><li>Examine concepts and ideas and procedures related to industry practices from the food and beverage sector</li></ul>
	<ul style="list-style-type: none"><li>Apply concepts and ideas and procedures when making decisions to produce products</li><li>Use language conventions and features to communicate ideas and information for specific purposes.</li></ul>

### 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.

# ENGLISH

## Compulsory Learning Area

English

### 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 difference devices and effects. Students will create a wide range of texts to articulate complex ideas and demonstrate understanding or 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"><li>Representations of Teenagers</li></ul>
Unit 2: Texts and Culture	<ul style="list-style-type: none"><li>Short stories and poetry</li></ul>
Unit 3: Textual Connections	<ul style="list-style-type: none"><li>Study of Shakespearean tragedy – Fair is foul and foul is fair</li></ul>
Unit 4: Close study of Literary Texts	<ul style="list-style-type: none"><li>Novel study – Rebellion and Revolution</li></ul>

### 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"><li>Coaching other students in skill progression</li></ul>
Fitness	<ul style="list-style-type: none"><li>Fitness testing, strength and conditioning sessions</li></ul>
Athlete Development and Wellbeing	<ul style="list-style-type: none"><li>Sport psychology</li></ul>
Optimising Performance	<ul style="list-style-type: none"><li>Recovery sessions</li></ul>

### 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"><li>Students will be working on a travel unit. They will use adjectives in the varying tenses to describe places and activities.</li></ul>
Term 2 – Folk Tales & Fairy Tales	<ul style="list-style-type: none"><li>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.</li></ul>
Term 3 – Japanese Culture	<ul style="list-style-type: none"><li>Students will compare their world and the contribution of Japanese culture to the world.</li></ul>
Term 4 - Future	<ul style="list-style-type: none"><li>Students will discuss their future goals, learning profession words.</li></ul>

### 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"><li>Students will discuss the features and activities of a city. They will use adjectives and verbs in the varying tenses to describe places.</li></ul>
Term 2 – Travel	<ul style="list-style-type: none"><li>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.</li></ul>
Term 3 – Our World	<ul style="list-style-type: none"><li>Students will compare their world, such as local and global issues and use this to discuss a health issue from a Spanish speaking country.</li></ul>
Term 4 – Future Aspirations	<ul style="list-style-type: none"><li>Students will discuss their future goals, learning profession words and apply these in context to specific audiences and their own values and beliefs.</li></ul>

### 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

Health and Physical  
Education

### 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"><li>Family Health (Nutrition)</li></ul>
Term 2	<ul style="list-style-type: none"><li>Community Health (Road Safety)</li></ul>
Term 3	<ul style="list-style-type: none"><li>Community Health (Alcohol)</li></ul>
Term 4	<ul style="list-style-type: none"><li>Peer Health (Resilience)</li></ul>

### 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](http://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"><li>Motor learning</li></ul>
Term 2	<ul style="list-style-type: none"><li>Tactical Awareness</li></ul>
Term 3	<ul style="list-style-type: none"><li>Exercise Physiology</li></ul>
Term 4	<ul style="list-style-type: none"><li>Sport Psychology</li></ul>

## Assessment

Term 1 Project Folio 25%

Term 2 Project Folio 25%

Term 3 Exam 25%

Term 4 Exam 25%

## Additional Costs

NIL unless excursions are arranged

# GEOGRAPHY

## Elective Learning Area

Humanities

### 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"><li>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.</li></ul>
Unit 2 - Environmental Change	<ul style="list-style-type: none"><li>Students will focus on the use and management of resources, the production of waste and subsequent impacts on the global climate and environment.</li></ul>
Unit 3 - Sustainable Places	<ul style="list-style-type: none"><li>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.</li></ul>
Unit 4 - Global Interconnections	<ul style="list-style-type: none"><li>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.</li></ul>

### 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)

Humanities

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

### 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"><li>• Introduction to the law</li></ul>
Unit 2	<ul style="list-style-type: none"><li>• Criminal Law</li></ul>
Unit 3	<ul style="list-style-type: none"><li>• Family Law</li></ul>
Unit 4	<ul style="list-style-type: none"><li>• Human Rights</li></ul>
Electives	<ul style="list-style-type: none"><li>• Sport, Technology and the Law</li></ul>

### Assessment

Combination response exam

Inquiry report

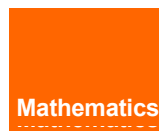
Argumentative essay

### 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"><li>Algebraic equations</li></ul>
Term 2	<ul style="list-style-type: none"><li>Indices</li><li>Trigonometry</li></ul>
Term 3	<ul style="list-style-type: none"><li>Surds</li><li>Quadratics</li></ul>
Term 4	<ul style="list-style-type: none"><li>Parabolas</li><li>Function Notation</li></ul>

### Assessment

Problem solving and modelling task

Supervised tests

### Additional Costs

Nil unless excursions are arranged

# AEROSPACE SYSTEMS

## Elective Learning Area

Mathematics

## 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"><li>Aeronautics</li><li>Aerodynamics</li></ul>
Term 2	<ul style="list-style-type: none"><li>Aircraft Systems</li><li>Flight instruments</li></ul>
Term 3	<ul style="list-style-type: none"><li>Airline/Airport Operations</li><li>Meteorology and navigation</li><li>Air traffic control</li></ul>
Term 4	<ul style="list-style-type: none"><li>Human factors and evolution of aerospace systems</li><li>Air crash investigation and safety management systems</li></ul>

Practical Components throughout the year
<ul style="list-style-type: none"><li>Fold n Fly paper plane science</li><li>Powerup 4.0 remote control paper planes</li><li>Boeing Microsoft Flight Simulator</li><li>Drones</li></ul>

## Assessment

Folio Assignments Supervised tests

## Additional Costs

Nil unless excursions are arranged.

# CORE MATHEMATICS

## Compulsory Learning Area



### Course Outline

Core Mathematics 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	<ul style="list-style-type: none"><li>Money, Travel and Data</li></ul>
Term 2	
Term 3	<ul style="list-style-type: none"><li>Short Course in Numeracy</li></ul>
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"><li>• Operations with polynomials</li><li>• Matrix arithmetic</li></ul>
Term 2	<ul style="list-style-type: none"><li>• Trigonometric functions</li><li>• Trigonometric graphing</li></ul>
Term 3	<ul style="list-style-type: none"><li>• Indices</li><li>• Logarithms</li><li>• Exponential Functions</li><li>• Graphing Exponentials</li></ul>
Term 4	<ul style="list-style-type: none"><li>• Vectors in the plane</li></ul>

### Assessment

Problem solving and modelling task  
Supervised tests

### Additional Costs

Nil unless excursions are arranged

# MATHEMATICS



## Compulsory Learning Area

### Course Outline

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"><li>Algebra I</li><li>Coordinate geometry</li><li>Univariate Data</li></ul>
Term 2	<ul style="list-style-type: none"><li>Right angle triangles</li><li>Simultaneous equations</li><li>Measurement</li></ul>
Term 3	<ul style="list-style-type: none"><li>Bivariate data</li><li>Non Right Angle Triangles</li></ul>
Term 4	<ul style="list-style-type: none"><li>Matrices</li><li>Arithmetic and Geometric Sequences</li></ul>

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

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

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

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

### 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"><li>Cognition, human consciousness and sleep</li></ul>
Individual behaviour	<ul style="list-style-type: none"><li>Diagnosis, intelligence, emotion and motivation</li></ul>
Individual thinking	<ul style="list-style-type: none"><li>Visual perception, memory and learning</li></ul>
The influence of others	<ul style="list-style-type: none"><li>Social psychology</li></ul>

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

### Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

### Additional Costs

Nil unless excursions are arranged