



2018

SACE
stage 1
courses



MARDEN
SENIOR COLLEGE
your pathway to success

Ancient Studies

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No specific background knowledge is required.

Course overview

In Ancient Studies, students learn about the history, literature, society and culture of ancient civilisations which include those of Asia–Australia, Europe and Western Asia, and the classical civilisations of Greece and Rome. Students draw on many other fields of study including archaeology. They consider the environmental, social, economic, religious, cultural and aesthetic aspects of societies, and explore the ideas and innovations that shape and are shaped by societies.

Topics studied:

- Archaeology: Understanding Ancient Societies, Social structures, Slavery and everyday life
- Beliefs, rituals and mythology
- Student Choice: Inquiry

Assessment

4 assessment tasks.

Tasks include:

- report writing
- essay writing
- multimedia presentation
- simulated archaeological activity (group activity)

Pathways

Useful background for several SACE Stage 2 subjects including Stage 2 Ancient Studies, Modern History, Australian History and Studies of Societies.

Art A – Visual Arts

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required although drawing skills would be an advantage.

Course overview

This is a course for those interested in learning techniques from a variety of painting and drawing methods. Experimentation with media such as graphite, coloured pencils, pastels, ink, charcoal, watercolour, acrylics and mixed media will be explored and skills developed.

The following three areas of study will be covered.

Visual Arts in Context

A Visual Study of techniques and methods and their practical application, with reference to artist's examples.

Emphasis will be on skills and ideas development, experimenting with media and their application in the practical pieces and documenting the creative process.

Visual thinking

A folio showing technique and media experiments and documentation of idea development for major practical work.

Practical resolution

1 x major drawing, painting, (or series of).

Assessment

The following assessment types enable students to demonstrate evidence of learning in SACE Stage I Art A (Visual Arts).

Assessment 1 – 40%

Visual Study

Assessment 2 – 30%

Folio

Assessment 3 – 30%

Practical

Pathways

This subject can lead to any SACE Stage 2 Visual Arts or Creative Arts course

Or

Certificate III/IV Visual Arts – Painting and Drawing course.

Art B – Visual Arts

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required although completion of the Stage I Art A course would be an advantage.

Course overview

This is a course for those interested in developing a more creative/expressive approach to drawing and painting using a variety of media, techniques and themes. Focusing on elements and principles of design, students will develop compositions using line, tone, colour, shape and texture with mixed media.

The following three areas of study will be covered.

Visual Arts in Context

A Visual Study of techniques and methods and their practical application, with reference to artist's examples.

Emphasis will be on skills and ideas development, experimenting with media and their application in the practical pieces and documenting the creative process.

Visual Arts in Context

A folio showing technique and media experiments and documentation of idea development for major practical work.

Practical resolution

1 x major drawing, painting, (or series of).

Assessment

The following assessment types enable students to demonstrate evidence of learning in SACE Stage I Art B (Visual Arts).

Assessment 1 – 40%

Visual Study

Assessment 2 – 30%

Folio

Assessment 3 – 30%

Practical

Pathways

This subject can lead to any SACE Stage 2 Visual Arts or Creative Arts course

Or

Certificate III/IV Visual Arts – Painting and Drawing course.

Creative Arts – Photoshop (Concept Art)

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

Students should have basic computer literacy. No previous experience with software used in the course is necessary.

Course overview

Adobe® Photoshop® is an image-editing, photo-retouching and composition program that offers all the tools for professional image manipulation.

This course is all about using Photoshop® to create original artworks. It includes matte painting, concept art, image editing and manipulation to create collages, edited photos and computer drawings.

Opportunities for students include:

- using a Wacom tablet and stylus to create a range of artworks using Photoshop®
- working on individual tasks ranging from landscape to character development and fantasy environments
- using the computer to paint and draw
- resizing graphics, selecting parts of images and creating collages and images from scratch.

Students will work through a range of exercises and tutorials before completing individual practical tasks and a practical study of an artist.

Assessment

Skills Development Folio – 30%

Practical – 50%

Visual Study – 20%

Pathways

This subject is recommended preparation for:
SACE Stage 1 Design
SACE Stage 2 Creative Arts,
SACE Stage 2 Visual Arts, Art or Design,
SACE Stage 2 Digital Media

Or

Certificate III/IV Visual Arts (Painting and Drawing)

Or

Certificate III/IV Design.

Creative Arts – Design and Illustration

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

Students should have basic computer literacy. The Stage I Photoshop course would be an advantage.

Course overview

Graphic design has a profound impact on our everyday lives. It's difficult to imagine how much graphic design surrounds and influences us but everything, from your bus timetable or the maps on your GPS, to the packaging on your cereal box, is the work of a graphic designer. How about the logo on the top of a bank, the ad on the side of a bus or the magazines you read? Movie posters, TV adverts or the design on the T-shirt you just bought – all of these things, and much more, are the work of a graphic designer whose role is to inform, stimulate, identify, persuade and interact with you in the most effective and visually appealing way possible.

This course introduces students to the design process and the Adobe® software, which includes Photoshop®, Illustrator® and InDesign®.

Students will work through a range of exercises and tutorials before completing practical task(s) and a practical study of an artist or designer.

Assessment

Skills Development Folio – 30%

Practical – 50%

Visual Study – 20%

Pathways

This subject is recommended preparation for:
SACE Stage 2 Visual Arts, Art or Design
SACE Stage 2 Creative Arts
SACE Stage 2 Digital Media

Or

Certificate III/IV Visual Arts (Painting and Drawing)

Or

Certificate III/IV Design.

Creative Arts – Media Production

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required although an interest in computers would be an advantage.

Course overview

This course is designed for you to create mini visual productions using still and video cameras, sound recorders and a range of audio and video editing software.

Students study Media Production through 5 key concepts:

- shooting
- sound
- lighting
- camera
- editing

Students will create a short movie and investigate scripting, storyboarding, the technology of film making and different styles of film.

Assessment

The following assessment types enable students to demonstrate evidence of learning in SACE Stage 1 Creative Arts.

Assessment 1 – Product – 30%

Assessment 2 – Folio

Investigation – 30%

Skills Assessment – 40%

Pathways

This subject can lead to any SACE Stage 2 Visual Arts or Creative Arts course or Stage 2 Media Studies.

Or

TAFE Creative Industries – Digital Media, TAFE Visual Art, Flinders University Degree in Creative Arts.



Biology (Accelerated)

Level: Stage I

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required.

Students can take Biology A or Biology B or both.

Stage I Biology (Accelerated) is for students who are being accelerated or would like to be accelerated in Stage 2 Biology, Nutrition, Psychology or Geology. This subject will allow students to become familiar with a Senior Science subject, content and increase a student's skills in science inquiry and assessments.

Course overview

By investigating biological systems and their interactions, from the perspectives of energy, control, structure and function, change, and exchange in microscopic cellular structures and processes through to macroscopic ecosystem dynamics, students extend the skills, knowledge and understanding to enable them to explore and explain everyday observations, find solutions to biological issues, and understand how biological science impacts on their lives, society and the environment. They apply their understanding of the interconnectedness of biological systems to evaluate the impact of human activity on the natural world.

Biology A: Topics:

- Cells and microorganisms
- Infectious disease

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

10 credit subject

Biology B: Topics:

- Multicellular organisms
- Biodiversity and ecosystem dynamics

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

Pathways

High level completion of one or two semesters of Stage I Biology (Accelerated) will allow students to be accelerated in Stage 2 Biology, Nutrition, Psychology or Geology at Marden Senior College.

Please note: Subject to SACE Board changes to the approved subject outline.

This is an evening class.

Biology A/B

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required.
Students can take Biology A or Biology B or both.

Course overview

Stage 1 Biology, science inquiry skills and science as a human endeavour are integral to students' learning in this subject and are interwoven through their study of science understanding, which is organised into four topics. Through the study of these topics, students develop and extend their understanding of the nature of living things, as well as of the interactions of those living things with members of the same species, members of other species, and the environment.

10 credit or 20 credit Subject

Biology A: Topics:

- Cells and microorganisms
- Infectious disease

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

10 credit Subject

Biology B: Topics:

- Multicellular organisms
- Biodiversity and ecosystem dynamics

Assessment

For a 20 credit subject, students provide evidence of their learning through eight assessments. Each assessment type should have a weighting of at least 20%

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

Pathways

This subject is a recommended preparation of SACE Stage 2 Biology.

Please note: Subject to SACE Board changes to the approved subject outline.



Business and Enterprise

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required.
Good literacy skills are essential.

Course overview

The study of Business and Enterprise enables students to develop an understanding of business and enterprise cultures and technological systems as they operate in a global environment. Students have the opportunity to evaluate the impacts and effects of business, enterprises, the economy etc. on individuals and communities.

Topics to be studied will be selected from the following:

- Introduction to Business and Enterprise
- Establishing a Business
- Employment Relations
- Entrepreneurship: The Enterprising Person
- Workplace Health and Safety
- Marketing

Assessment

Students will demonstrate evidence of their learning through the following assessment types:

- Folio
- Practical
- Issues Study

Pathways

This subject is a recommended preparation for SACE Stage 2 Business and Enterprise.

Chemistry 1 and 2

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

Assumes Year 10 Science knowledge.

Students can take Chemistry 1 and Chemistry 2 for a full year of Chemistry. Alternatively Chemistry 1 can be studied as a stand-alone semester.

Course overview

Stage 1 Chemistry, science inquiry skills and science as a human endeavour are integral to students' learning in this subject and are interwoven through the science understanding, which is organised into four topics.

In their study of these topics, students develop and extend their understanding of some of the fundamental principles and concepts of chemistry including structure, bonding, polarity, solubility, acid-base reactions, and redox. These are introduced in the individual topics with the mole concept and some energy concepts introduced gradually throughout these topics.

10 credit or 20 credit subject

Chemistry 1: Topics:

1. Materials and their atoms
2. Combination of atoms
3. Molecules

Assessment

For a 10 credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

10 credit subject

Chemistry 2: Topics:

1. Mixtures and solutions
2. Acids and bases
3. Redox reactions

Assessment

For a 20 credit subject, students provide evidence of their learning through eight assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

- at least one practical investigation
- at least one science as a human endeavour investigation
- at least one skills and applications task

Pathways

This subject contains essential skills and knowledge and is a prerequisite for SACE Stage 2 Chemistry.

Further information

Biology students at SACE Stage 2 would find it advantageous to study Chemistry 1.



Child Studies

Level: Stage I

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required.
Good literacy and research skills are required.

Course overview

Child Studies focuses on the health, well-being and development of children from conception to eight years.

The course has three areas of study:

- The Nature of Childhood and the Socialisation and Development of Children
- Children in the wider society
- Children – Rights and Safety

Students will research, plan, facilitate and evaluate activities for children. Learning will match the course requirements with elements of individual choice. For the written investigation students will be able to research a topic of personal interest within the course context.

Assessment

Type 1: Two of – Practical activity

Type 2: One of – Group activity

Type 3: One of – 600-word Investigation

Pathways

Stage 2 Child Studies

Certificate III – Early Childhood Education and Care

Community Learning Options for SACE

Level: Stage I

Course length: Negotiated

Credit value: 10 or 20 Credits per activity

Advice to students

You may be involved with activities and learning opportunities out of school for which you can **automatically** gain SACE credits. This may involve receiving direct credit for existing Community Developed Programs such as Bronze Medallion (SLS), Classical Ballet awards, AMEB music programs, St John's etc.

You may also be engaged in activities such as employment, volunteering, community programs, sport or independent living, which **can be assessed** under the banner of Self Directed Community Learning (SDCL) and gain SACE credits. Up to 90 credits of Community Learning at Stage I can count towards the completion requirements of the SACE.

Course overview

Learning is conducted outside the school environment, therefore there are no scheduled classes.

Assessment

- Students will **apply to receive direct credits** for existing Community Developed Programs by supplying the required evidence to a student counsellor.
- Students will **apply to be assessed** for Self Directed Community Learning programs through an interview of approximately 30–45 minutes duration, allowing students to gain 10 or 20 credits per activity.

Pathways

This learning can contribute to the SACE at Stage I level but cannot be used to meet compulsory SACE requirements.

Further information

Student counsellors will provide advice to students about options available through this program.

Community Studies

Level: Stage I

Course length: 1 semester or 2 semesters

Credit value: 10 Credits or 20 Credits

Advice to students

No specific background is assumed. Students may choose to undertake Community Studies to pursue their own interests and develop skills for their personal satisfaction or for post school pathways and to meet the requirements of the SACE through a range of learning styles.

Course overview

Community Studies provides opportunities for students to take an active role in planning, carrying out and documenting their own community activity using the community as a resource. The nature and detail of the activity are negotiated with the teacher but can be chosen from one or more of the following areas.

- Arts and the Community
- Communication and the Community
- Foods and the Community
- Health, Recreation and the Community
- Science, Technology and the Community
- Work and the Community

Assessment

A plan of work (Assessment Plan) is negotiated between student and teacher in the first two to three weeks of the course.

There will be four assessment tasks in each semester:

- Contract development
- Community activity
- Folio of evidence
- Reflection

Pathways

Useful preparation for a range of occupations which require good organisational, problem solving, team and communication/negotiation skills.

Earth and Environmental Science

(This **Australian Curriculum** subject incorporates the former course ('Environmental Action'))

Level: Stage 1

Course length: 1 semester or 2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required. Students can study A or B or both. This course will provide introductory multi-disciplinary knowledge, skills and concepts, across Biology, Geology, Physics and Chemistry. There will be a high level of practical work including laboratory and field investigations. A major focus will be on group work and will include the organisation and participation in Marden Senior College's annual 'Our Patch' planting day at the nearby River Torrens, (A only).

Course overview

Earth and Environmental Science A

Topics will include 2–3 of the following:

- The Earth's Atmosphere
- The Importance of the Hydrosphere
- The Development of the Biosphere.

Earth and Environmental Science B

Topics will include 2–3 of the following:

- The Composition of the Geosphere
- Processes in the Geosphere
- The Turbulent Earth.

Assessment

There will be four assessment tasks in each semester, including one field investigation, one investigation with a focus on science as a human endeavour and two skills and applications task.

Pathways

This subject will provide a basic introduction to Biology, Geology, Chemistry and Physics. it provides ideal background for **Stage 2 Earth and Environmental Science**, an Australian Curriculum subject featuring an externally assessed Earth Systems Study (30%) instead of an external examination.

English

Level: Stage 1

Course length: 1 semester or 2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required, however, the subject is not recommended for students eligible for Stage 1 English as an Additional Language (replacing English as a Second Language / ESL) as the requirements of the course are structured to suit the needs of mainstream English students.

Course overview

There is an emphasis on responding to texts, creating texts and intertextual study. Students critically and creatively engage with a variety of text types which could include novels, film, media, poetry and drama texts. Students compare texts and consider how they are created for specific purposes, contexts and audiences.

Assessment

Students undertake within the following:

- Responding to Texts 50%
- Creating Texts 20%
- Intertextual Study 30%

For a 10-credit subject, students should provide evidence of their learning through four assessments, with at least one assessment from each assessment type. At least one assessment should be an oral or multimodal presentation, and at least one should be in written form. Each assessment type should have a weighting of at least 20%.

For a 20-credit subject, students should provide evidence of their learning through eight assessments, with at least two assessments from each assessment type. At least two assessments should be oral or multimodal presentation, and at least two should be in written form. Each assessment type should have a weighting of at least 20%.

Pathways

Students can study Stage 2 English or Stage 2 English Literary Studies upon successful completion of Stage 1 English.

Further information

This subject is a recommended preparation for SACE Stage 2 English and Stage 2 English Literary Studies. Students who achieve a C grade or better in 20 credits of Stage 1 English meet the literacy requirement in the SACE.

Students need to know that to complete a 20 Credit option they must choose both English A and English B – it is not possible to do either English A or English B twice.



Essential English

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

Essential English may be studied as a 10-Credit or 20-Credit subject. This subject is designed for students who are seeking to meet the SACE literacy requirement. No background knowledge is required.

Course overview

The study of Essential English focuses on the development of students' skills in communication, comprehension, language and text analysis and creating texts, through:

- Responding to Texts
- Creating Texts

The study of Essential English also involves ways in which students use language to establish and maintain connections with people in different contexts. The program may focus on a single context or a range of contexts for different parts of the program.

The specific contexts chosen for study may be social, cultural, community, workplace, and/or imagined with teachers working with students to support the achievement of their goals.

Assessment

Assessment at Stage 1 Essential English is school based. Students demonstrate evidence of their learning through a number of assessments from each of these assessment types:

- Responding to Texts
- Creating Texts

At least one assessment (10 credit subject) or two assessments (20 credit subject) should be an oral or multimodal presentation and at least one (10 credit subject) or two (20 credit subject) should be in written form.

Pathways

Students can study Stage 2 Essential English upon successful completion of Stage 1 Essential English.

Further information

Students who achieve a C grade or better in 20 Credits of SACE Stage 1 Essential English meet the literacy requirement in the SACE.

English as an Additional Language (EAL)

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

English as an Additional Language (EAL) replaces English as a Second Language (ESL) A/B.

EAL may be studied as a 10-credit or 20-credit subject.

This subject is designed to improve students' general proficiency in the English language, with a focus on developing their academic literacy skills.

Course overview

The study of English as an Additional Language focuses on development and use of skills and strategies in communication, comprehension, language and text analysis, and creating texts.

Assessment

Assessment at Stage 1 English as an Additional Language is school-based. Students demonstrate evidence of their learning through a number of assessments from each of these assessment types:

- Responding to Texts
- Interactive Study
- Language Study

For a 10 Credit subject, students should provide evidence of their learning through four assessments.

For a 20 Credit subject, students should provide evidence of their learning through eight assessments.

Each assessment type should have a weighting of at least 20%.

It is anticipated that all assessments (written, oral and multimodal) will be submitted electronically.

Pathways

Students can study Stage 2 English as an Additional Language upon successful completion of Stage 1 EAL.

Further information

Students have to be assessed as eligible to do this course. Students are eligible if they are speakers of English as an Additional Language and they have a total of five or fewer years of fulltime schooling where the language of instruction was English. Other students will have their English assessed by the College. They will be eligible if their language is assessed as restricted for the purposes of the SACE. Students should speak to an ESL/EAL teacher or a counsellor if they need clarification.

Students who achieve a C grade or better in 20 Credits of SACE Stage 1 English as an Additional Language meet the literacy requirement in the SACE.

Health Education A/B (Healthy Lifestyles / Healthy Minds, Healthy Bodies)

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required. Health Education is a course for students who want to become more aware of issues affecting their health.

Course overview

Students will recognise the various factors that shape the behaviour and attitudes of individuals and groups in relation to healthy living, caring for themselves and the environment. Students will develop skills to consider how changing social structures, community values, environmental issues, and new technologies affect health and well-being of individuals and communities.

Students will study at least **one** core concept and **one** option study. Topics will be selected from the options below.

Core concepts

Core Concept 1: Ways of defining health

Core Concept 2: Health literacy

Option Studies

Option Study 1: Health and participation in an active lifestyle

Option Study 2: The effects of alcohol, tobacco, and other drugs on health

Option Study 3: Health and the environment

Option Study 4: Contemporary health priorities in Australia

Option Study 5: Health and relationships

Option Study 6: Mental and emotional health

Option Study 7: Growing up healthy

Option Study 8: Careers and vocational studies in health

Assessment

There will be three to four assessment tasks with at least one assessment from each assessment type with a weighting of at least 20% per task.

Assessment types are:

- Issues Response
- Group Activity
- Investigation

Pathways

Although not essential, this subject is recommended as preparation for SACE Stage 2 Health.



Integrated Learning (Fashion – Make it, Wear it)

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge is required.

An interest in designing and producing sustainable fashion and a willingness to participate in making activities as it is an essential component to this subject.

Course overview

This is a school-developed program giving students an opportunity to meet the SACE requirements through designing and producing a range of fashion garments from accessories to clothing. The course is based around practical assignments that will cover fashion illustration, design development and developing a body of work. Activities may include involvement in College events as a focus for planning, organising and participating in Fashion Stall/Exhibitions.

The course has a focus on skill development and collaboration to aid students in developing their planning, organisational, collaborative research, reflecting and analytical skills.

Assessment

- Practical 40%
Teacher observation, self assessment and reflective evaluation on making game activities.
- Group activity 30%
One group project based on planning, organising and participating in Fashion Stall/Exhibitions at MSC.
- Folio and Discussion 30%
Develop a folio to support their learning, discussion between teacher and students about their learning.

Pathways

This subject is a desirable preparation for SACE Stage 2 Creative Arts, Visual Arts – Design and Certificate III in Visual Arts – Textiles.

Integrated Learning (Gaming and Development Space)

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge is required.

An interest in playing and creating video games and a willingness to participate in making activities as it is an essential component to this subject.

Course overview

This is a school-developed program giving students an opportunity to meet the SACE literacy and numeracy requirements through creating, playing and studying the art of gaming. It also includes analysis of games through play and learning. Activities may include involvement in College events as a focus for planning, organising and participating in Games tournaments/Exhibitions.

The course has a focus on skill development and collaboration to aid students in developing their planning, organisational, collaborative research, reflecting and analytical skills.

Assessment

- Practical 40%
Teacher observation, self assessment and reflective evaluation on making game activities.
- Group activity 30%
One group project based on planning, organising and participating in a Games tournament at MSC.
- Folio and Discussion 30%
Develop a folio to support their learning, discussion between teacher and students about their learning.

Pathways

This subject is a desirable preparation for SACE Stage 2 Integrated Technology and Certificate III in Screen and Media – Game Design.

Integrated Learning (3D Print and Make)

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge is required.

Desire to explore and experiment with 3D form for creating designs and solutions to everyday needs. Previous experience with 3D programs (Google Sketch-up, Blender, Maya, Inventor) will assist.

Course overview

This is a school-developed program giving students an opportunity to meet the SACE requirements through researching, experimenting and creating small 3D forms. This will require using CAD software and a 3D printer (amongst other tools). You will come to understand how tools work and explore their advantages and disadvantages. Activities may include involvement in College events as a focus for planning, organising and participating in Exhibitions and creating shelf-ready products.

The course has a focus on skill development and creative thinking to aid students in developing research, organisational and reflection skills.

Assessment

- Practical 40%
Teacher observation, self-assessment and reflective evaluation on a series of small tasks demonstrating the use of various tools.
- Group activity 30%
One group project based on planning, organising and participating in an exhibition/stall at MSC.
- Folio and Discussion 30%
Develop a folio to support their learning, discussion between teacher and student to support the Small Object Production (Investigate, Plan and Produce) along with any distribution or future production plans.

Pathways

This subject is a desirable preparation for SACE Stage 2 Digital Media, Visual Arts – Design and Creative Arts – Design.

Integrated Learning A/B (Sport and Recreation)

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge is required.

An interest in and willingness to participate in sport, recreation and fitness activities is essential to this subject.

Course overview

This is a school-developed program focussing on all aspects of sport, recreation and fitness activities. Activities may include involvement in College events as a focus for planning, marketing, organising and participating in Sport and Recreation events.

The course has a focus on skill development and collaboration to aid students in developing their planning, organisational, collaborative research, reflecting and analytical skills.

Assessment

- Practical 40%

Teacher observation, self assessment and reflective evaluation on 2 sport/recreation/fitness activities.

- Group activity 30%

One group project based on planning, organising and participating in a sports event at MSC.

- Folio and Discussion 30%

Focussed on an issue related to sport, recreation or fitness.

Pathways

This subject is a desirable preparation for SACE Stage 2 Integrated Learning (Sport and Recreation).

Further information

Opportunity to attend local recreational activity excursion (for example, bike riding, indoor climbing, trail walking).

Excursion cost of approximately \$10.

Please note:

Subject to SACE Board changes to the approved subject line.

Legal Studies

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required.

Good literacy skills required.

Course overview

Students examine the Australian legal system. They read and write, discuss, analyse and debate issues. They use a variety of methods to investigate legal issues, including observing the law in action in courts and through various media.

Topics include:

- Law and Society
 - People, Structures and Processes
 - Law-making
 - Justice and Society

Assessment

Assessment at SACE Stage 1 is School-based. Students demonstrate evidence of their learning through the following assessment types.

- Folio
- Issues Study
- Presentation

Pathways

This subject is a recommended preparation for SACE Stage 2 Legal Studies.

Essentials Mathematics (Entry Level) A/B

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

This course provides the opportunity to meet the SACE numeracy requirements and has no pre-requisites.

Course overview

Stage 1 Essential Mathematics focuses on students extending their mathematical skills in ways that apply to practical problem solving in everyday and workplace contexts. Students develop the necessary skills to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This subject provides the opportunity for students to prepare for post-school options of employment and further training.

Topics studied in Numeracy Essential A will include:

- Calculations, Time and Ratio
- Earning and Spending
- Geometry

Topics studied in Numeracy Essential B will include:

- Measurement
- Data in context
- Investing

Assessment

Assessment is conducted through a variety of tasks including for each semester:

- 2 Skills and Application tasks 60%
- 2 Mathematical Investigations 40%

Students who achieve a C grade or better in either semester will meet the compulsory 10-credit numeracy requirement of the SACE.

Pathways

Students gain additional numeracy skills for their studies and future pathways.

Essential Mathematics A/B

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

Students intending to go onto Essential Maths at Stage 2 will need to complete Essential Mathematics A and B.

Course overview

Stage 1 Essential Mathematics focuses on students extending their mathematical skills in ways that apply to practical problem solving in everyday and workplace contexts. Students develop skills necessary to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This subject provides the opportunity for students to prepare for post-school options of employment and further training.

Topics studied in Essential Mathematics A will include:

- Calculations, Time and Ratio
- Earning and Spending
- Geometry

Topics studied in Essential Mathematics B will include:

- Investing
- Measurement
- Data in Context

Assessment

Assessment is conducted through a variety of tasks including for each semester:

- 3 Skills and Application tasks 60%
- 2 Mathematical Investigations 40%

Students who achieve a C grade or better in either semester will meet the compulsory 10-credit numeracy requirement of the SACE.

Pathways

Successful completion in Essential Mathematics A and B will provide the assumed knowledge for SACE Stage 2 Essential Mathematics.

General Mathematics A/B

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

Students intending to go onto General Maths at Stage 2 will need to complete General Mathematics A and B.

Course overview

Stage 1 General Mathematics enables students to appreciate, experience and understand mathematics as a growing body of knowledge in contemporary situations. It gives relevance and meaning to their world and the world of enterprise. The topics covered in the subject have a diverse range of applications of mathematics, including personal financial management, measurement and trigonometry, the statistical investigation process, modelling using linear and non-linear functions, and discrete modelling using networks and matrices.

10 credit subject

General Mathematics A: Topics:

- Investing and borrowing
- Measurement
- Statistical Investigation

Assessment

- 3 Skills and Application tasks 65%
- 1 Mathematical Investigation 35%

10 credit subject

General Mathematics B: Topics:

- Applications of Trigonometry
- Linear and Exponential Functions and their Graphs
- Matrices and Networks

Assessment

- 3 Skills and Application tasks 65%
- 1 Mathematical Investigation 35%

Pathways

Successful completion of General Mathematics at Stage 1 A and B allows students to go onto General Mathematics or Essential Mathematics at Stage 2.

Mathematics Methods 1 & 2

Level: Stage 1

Course length: 1 semester each

Credit value: 10 Credits each

Advice to students

Stage 1 Mathematics Methods builds on the mathematical knowledge, understanding and skills that students have developed in Number and Algebra, Measurement and Geometry, and Statistics and Probability during Year 10.

Course overview

Stage 1 Mathematics Methods is organised into topics that broaden students' mathematical experience, and provide a variety of contexts for incorporating mathematical arguments and problem solving.

Topics covered will include:

Semester 1

- Topic 1: Functions and Graphs
- Topic 2: Polynomials
- Topic 3: Trigonometry

Semester 2

- Topic 4: Counting and Statistics
- Topic 5: Growth and Decay
- Topic 6: Introduction to Differential Calculus

Assessment (each semester)

- 3 Skills and Application tasks 75%
- 1 Folio Task 25%

Pathways

Successful completion of Mathematics Methods 1 and 2 will provide the assumed knowledge for SACE Stage 2 Mathematics Methods (currently known as Stage 2 Maths Studies).

Students wishing to undertake Stage 2 Specialist Mathematics should also successfully complete Stage 1 Specialist Mathematics.

Further information

Graphic calculators and computers are used extensively in all courses.

Marden Senior College uses Texas Instruments Graphics Calculators TI-83, TI-83 Plus and TI-84 Plus.

Specialist Mathematics

Level: Stage 1

Course length: 1 semester (studied in Semester 2)

Credit value: 10 Credits

Advice to students

It is desirable that students have a sound knowledge and understanding of number and algebraic processes to at least a high year 10 level.

Students intending to do Specialist Mathematics at Stage 2 will need to study three semesters of Mathematics at Stage 1 level Mathematics 1, 2 and Specialist Mathematics.

Course overview

Specialist Mathematics will enable students to develop an understanding of concepts and techniques drawn from trigonometry, complex numbers, vectors and matrices as used in Stage 2 Specialist Mathematics.

Topics studied will include:

- Trigonometry
- Real and complex numbers
- Vectors
- Matrices

Assessment

Assessment is conducted through a variety of tasks including for each semester:

- 3 Skills and Application tasks 75%
- 1 Mathematical Investigation 25%

Students who achieve a C grade or better in either semester meet the compulsory 10-credit numeracy requirement of the SACE.

Pathways

Successful completion in both semesters of Mathematical Methods and the semester of Specialist Mathematics will provide the assumed knowledge for SACE Stage 2 Specialist Mathematics and provide extra background knowledge for Stage 2 Mathematical Methods (currently known as Stage 2 Maths Studies).

Further information

Graphic calculators and computers are used extensively in all courses.

Marden Senior College uses Texas Instruments Graphics Calculators TI-83, TI-83 Plus and TI-84 Plus.

Modern History

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge is required.

Course description

In the study of Modern History at Stage 1, students explore changes within the world since 1750. They explore the impacts that these developments and movements had on people's ideas, perspectives and circumstances. Students build their skills in historical method through inquiry, by examining and evaluating the nature of sources, including who wrote or recorded them, whose history they tell, whose stories are not included and why, and how technology is creating new spaces in which histories can be conveyed. Students explore different interpretations, draw conclusions and develop reasoned historical arguments.

Course overview

The focus of this course is the changes in Vietnam since 1750 which includes the experiences and responses of colonisers and colonised people to the imperial expansion, and decolonisation, and the changes to existing cultures that occurred as a consequence. This leads onto the related social movements and the way in which institutions, people, and groups promote and resist change. Examples include protest marches, civil disobedience/passive resistance, and violence.

Assessment

There are four school-based summative assessment tasks which include:

- 3 historical assessments
- 1 historical study

Pathways

Useful background for several SACE Stage 2 subjects including Modern History, Australian History and International Politics, Classical Studies and Society and Culture.



Nutrition

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

No background knowledge required.

Course overview

Students of Nutrition investigate and learn about current scientific information on the role of nutrients in the body as well as social, cultural and environmental issues in nutrition. Students explore the links between food, health and diet-related diseases and examine strategies to promote good health. The study of nutrition assists students to reinforce or modify their own diets and lifestyle habits to maximise positive health outcomes.

Nutrition A

- Macronutrients and micronutrients
- Australian Dietary Guidelines and nutrition in the lifecycle
- Social and cultural factors influencing food choices
- Food labels.

Assessment

There will be four or five assessment tasks with at least one collaborative task.

Tasks include:

- | | |
|------------------------------------|-----|
| • Two Skills and Application Tasks | 40% |
| • Two practical investigations | 40% |
| • One issues investigation | 20% |

Pathways

This subject is a recommended preparation for SACE Stage 2 Nutrition.

Personal Learning Plan (Career Planning)

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students

Compulsory subject for SACE completion. No specific background knowledge required.

Course overview

The Personal Learning Plan (PLP) aims to develop students' skills in self-awareness, goal setting, career planning and self-reflection so they are able to make informed decisions about their future pathways. The program guides students to find answers to the questions:

- Who am I?
- Where am I going
- How will I get there?

This program is underpinned by the seven capabilities from the Australian Curriculum. Students will select and develop at least one of these capabilities.

Assessment

Students must achieve a C grade or better.

There will be four assessments and students will have the opportunity to present evidence of learning in a number of ways to suit their strengths and interests.

Pathways

Successful completion of the PLP will provide a good foundation for students to develop a study program and plan a career pathway.

Please note:

Students who have previously completed the Personal Learning Plan elsewhere and would like to do more career planning, can enrol in this subject and gain an additional 10 credits.



Photography A/B (Design and Technology)

Level: Stage 1

Course length: 1 semester each

Credit value: 10 Credits each

Advice to students

No prior knowledge/experience is necessary, however a strong and honest interest in photography and a willingness to frequently work outside of lesson time is essential for success in this subject. Students are required to purchase all consumable photographic materials with the exception of chemicals. Equipment can be borrowed from the College however it would be an advantage to have access to a 35mm SLR camera.

Course overview

These courses in Photography aim to provide skills and knowledge in the use of:

- Black and White photography using a single lens reflex camera.
- Digital photography using a SLR camera
- Introduction to processing and print output.

Photography A:

This is an introductory course suitable for students with little or no prior experience. It focusses on traditional film and SLR camera techniques.

Photography B:

While this course builds on Photography A it also provides an entry point for students who have little previous experience. Emphasis is placed on the introduction and development of digital camera techniques.

Assessment

Students demonstrate evidence of their learning through three assessment tasks.

- | | |
|--------------------------------|-----|
| • Skills and Application tasks | 20% |
| • Folio tasks | 30% |
| • Product | 50% |

Pathways

A sound basis for SACE Stage 2 Photography or VET Certificate III or higher.

Further information

Students are required to pay a **'maintenance and borrowing' fee of \$100 to the bookroom**. The College provides all chemicals, physical equipment and printing inks and this fee will also entitle you to a box of photographic paper. All other consumables such as film, paper, negative sleeves and mounting/frames materials must be supplied by students.

A field trip will be part of these courses.

Physics 1 and 2

Level: Stage 1

Course length: 1 semester or 2 semesters

Credit value:
10 Credits (Physics 1)
20 Credits (Physics 1 and 2)

Advice to students

Physics uses qualitative and quantitative models, laws and theories to better understand matter, forces, energy and the interaction among them. It seeks to explain natural phenomena, from the subatomic world to the macrocosmos, and to make predictions about them. By studying physics, students are able to appreciate the significance of the work of both classical and modern physicists and to understand how new evidence can lead to the refinement of existing models and theories and to the development of new, more complex ideas and technologies and discoveries.

Course overview

Physics 1 topics:

- Linear Motion and Forces
- Electric Circuits
- Heat

Physics 2 topics:

- Energy and Momentum
- Waves
- Nuclear Models and Radioactivity

Assessment

- | | |
|--|-----|
| 2 Skills and Application Tasks | 60% |
| 2 Practical Reports | 40% |
| 1 Science as a human endeavour investigation | |

Pathways

Successful completion of Stage 1 Physics A and B will allow students to go onto Stage 2 Physics.



Psychology

Level: Stage 1

Course length: 1 semester or
2 semesters

Credit value: 10 Credits
20 Credits

Advice to students

No background knowledge required.

Course overview

SACE Stage 1 Psychology investigates the study of the mind and human behaviour. It examines the scientific research designs and methods to understand the brain and resulting behaviour. The subject reflects on how biology, basic processes, individual aspects and interactions with others affects behaviour.

The content includes ways in which behaviour can be changed.

Students can develop useful skills in communication methods, analytical and critical thinking and in making inferences.

The unit will consist of three topics:

10 credit subject

Consists of the compulsory topic and two option topics from the following list.

20 credit subject

Consists of the compulsory topic and five option topics from the following list.

Compulsory topic:

- Introduction to psychology

Option topics include:

- Social Behaviour
- Intelligence
- Cognition
- Brain and Behaviour
- Human Psychological Development
- Emotion
- Positive Psychology

Assessment

10 credit subject

There will be four assessment tasks with a weighting of 25% per task.

Types include:

- Investigations Folio (including a group investigation)
- Skills and Application Tasks (including a test)

20 credit subject

There will be eight assessment tasks with a weighting of 25% per task. (4 tasks per semester).

Types include:

- Investigations Folio (including a group investigation)
- Skills and Application Tasks (including a test)

Pathways

Although not essential this subject is recommended as preparation for SACE Stage 2 Psychology.

Society and Culture

Level: Stage 1

Course length: 1 semester or

Credit value: 10 Credits

Advice to students

No specific background is required.
Good literacy skills.

Course overview

The study of Society and Culture gives students the opportunity to explore and analyse the interactions of people, societies, cultures and environments. Students learn how social, political, historical, environmental, economic and cultural factors affect different groups; and how people function and communicate in and across social and cultural groups.

Society and Culture

- Prejudice and Discrimination
- Globalisation
- Current Social or Cultural issues

Assessment

There will be three assessment tasks.

Tasks include

- | | |
|-------------------------------|-----|
| • Sources Analysis | 25% |
| • Group activity (Compulsory) | 25% |
| • Investigation | 50% |

Pathways

This course leads to all SACE Stage 2 Humanities and Social Sciences subjects.

Further information

Topics covered may change in response to student and teacher interest.

