



MINDARIE SENIOR COLLEGE

WHERE YOUR FUTURE BEGINS

YEAR 11 CURRICULUM HANDBOOK 2018



**BUILDING POSITIVE
RELATIONSHIPS**



**DEMONSTRATING SOCIAL
RESPONSIBILITY**



**PURSuing PERSONAL
EXCELLENCE**

Contents

Course Index	2
Course Index (Alphabetical).....	4
Introduction	5
Enrolment Process	5
College Charges.....	6
Ensuring your Success.....	6
Types of Programs of Study Offered.....	7
Course Choices.....	8
Languages Other Than English.....	9
Course Enrolment Policy.....	9
Achievement of WACE	11
University Entrance Requirements	12
STP (formerly TAFE) Entrance Requirements	13

Course Index

English

English	13
Literature	14

Arts

Dance	15
Drama	16
Media Production and Analysis	17
Multimedia.....	18
Music.....	18
Visual Arts	19
Design - Photography.....	20

Technology & Enterprise

Pathways for Technology and Enterprise	21
Accounting and Finance.....	22
Business, Management and Enterprise	23
Design – Technical Graphics	23
Computer Science.....	24
Wood - Material Design and Technology	25
Textiles – Material Design and Technology	25
Children, Family and Community: Caring for Others.....	26
Children, Family and Community: Living Independently	26
Food Science and Technology	27

Career & Vocational Education

Workplace Learning	28
Vocational Education and Training (VET) Opportunities.....	28

Health & Physical Education

Health Studies	30
Physical Education Studies.....	31
Outdoor Education.....	32

Mathematics

Mathematics Pathways	33
Mathematics	34

Science

Biology.....	37
Chemistry.....	37
Human Biology.....	38
Integrated Science	39
Physics.....	40
Psychology	40

Humanities & Social Sciences

Economics	41
Politics and Law	41
Geography	42
Ancient History.....	42
Modern History.....	42

Appendix A

List A and List B courses for breadth of study	44
--	----

Appendix B

Additional Cost Item Information	45
--	----

Appendix C

Online Course Selection Preparation Template	47
--	----

Course Index (alphabetical)

Accounting and Finance.....	22
Biology.....	37
Business, Management & Enterprise	23
Chemistry	37
Children, Family and Community: Caring for Others.....	26
Children, Family and Community: Living Independently.....	26
Computer Science	24
Dance	15
Design - Photography.....	20
Design - Technical Graphics	23
Drama.....	16
Economics	41
English	13
Food Science and Technology.....	27
Geography	42
Health Studies	30
History (Ancient)	42
History (Modern)	42
Human Biology.....	38
Integrated Science	39
Literature	14
Mathematics Pathways.....	33
Mathematics	34
Media Production and Analysis	17
Multimedia.....	18
Music.....	18
Outdoor Education.....	32
Physical Education Studies.....	31
Physics.....	40
Politics & Law	41
Psychology	40
Technology and Enterprise Pathways.....	21
Textiles – Material Design and Technology	25
Visual Arts	19
Vocational Education and Training (VET) Opportunities	28
Wood - Material Design & Technology	25
Workplace Learning	28

Introduction

Studying at the senior level means that students are expected to take greater responsibility for their decisions.

Our Vision

‘Where your future begins’

Our Philosophy

Our College is characterised by our Young Adult Ethos

Pursuing Personal Excellence

- setting high expectations and meaningful goals
- persevering when faced with challenges and building resilience
- accessing help and support

Building Positive Relationships

- promoting mutual respect and trust
- engaging in teamwork and cooperative learning
- contributing to a productive learning environment

Demonstrating Social Responsibility

- behaving ethically
- recognising and supporting the needs of others
- contributing to a sustainable community

This handbook contains information to help students decide which courses to study in Year 11 (and subsequently Year 12). The options are many and the need for discussions with parents, teachers, counsellors and others is very important. Students and parents are advised to make themselves familiar with the contents of this Curriculum Information Handbook, in addition to all other information available to them.

Parents are an important part of this process as they provide the biggest single influence in a student’s choice of direction. Students will be looking for guidance and support in making informed choices and parents are asked to be active participants in information sessions, counselling and interviews.

Enrolment Process

The enrolment process used to help students select appropriate courses consists of a number of stages,

Students will be notified when the Year 11 2018 Curriculum Handbook is available online.

This Handbook contains information on:

- The courses offered.
- Mindarie Senior College Course Enrolment process.
- Achievement of WACE (Western Australian Certificate of Education)

Information Evening

Parents will be invited to attend an Information Evening at the College prior to the opening of the Subject Selections Online (SSO).

Online Course Selection

Students will be notified of the process to complete their course selections online through Subject Selections Online (SSO). Students must bring a printout of their completed online SSO *2018 Year 11 Course Selection Form*

to the enrolment interview, which will indicate the 6 courses that the student would like to study, plus a reserve course.

Enrolment Interviews

For the student to complete the online course selection process, parents must also make an enrolment interview appointment online. Parents do this via a link at the end of the Subject Selection Online (SSO) process.

Both students and a parent/guardian must attend the enrolment interview. Please refer to the Course Enrolment process [page 9] for details of what documents you must bring to the enrolment interview.

In the majority of cases students will be able to study their 6 preferred courses for Year 11. Occasionally, a student chooses a pattern of courses that is uncommon and two of their courses occur at the same time. In these cases students will be contacted to discuss their options. In addition, if a student has chosen a course that is not viable due to numbers, they will be contacted regarding an alternative choice.

College Charges

Course Charges & Extra Cost Options

All applications for enrolment require an upfront deposit of \$200 to be paid to the College at the time of enrolment. All Year 11 and 12 courses attract compulsory charges and the cost for each course is included in this handbook.

There will be additional charges where extra cost activities are part of the Year 11 and 12 educational program, such as excursions and camps that students are expected to attend and which the course charges do not cover. An example sheet of these additional costs is included in Appendix B of this handbook.

In December this year, the parent or guardian will receive an information package which will include the updated additional cost charges, booklist and a statement of the course charges and voluntary contributions. It is expected that payment is finalised by the end of Term 1, 2018.

Payment options are available if necessary and arrangements can be made through the Finance Officer.

Secondary Assistance Scheme

Some financial assistance is available for course charges and uniform. Most Centrelink *Family Health Care Card* or Pensioner Concession cardholders are eligible. **Rules change from year to year.** If a parent feels they are eligible, they should contact the College. Applications should be made at the beginning of each year.

Ensuring Your Success

If the courses the student selects have textbooks and other resources on the booklist, it is a requirement that these be purchased. Without textbooks there is little chance of succeeding in the course.

Minimum Entrance Requirements

The *Minimum Entrance Requirements* for each course are included in the detailed course descriptions. These are stated to help the student choose appropriate courses in which he or she could succeed – provided they have a good work ethic and put in the effort required.

Homework/Study Commitments

Before students decide on which type of course to study, they need to consider the type of commitment they are able to give out of College hours. Students studying ATAR (university) pathway courses need to do a minimum of three hours study per course per week, each and every week. That means if a student is studying

FIVE university pathway courses, they need to dedicate a minimum of 15 hours to homework and/or study per week.

Homework does not only consist of the work given to the student by the teacher, but also has a self-directed component. This may include organising notes, revision, research, exam study, practical study or additional tasks or questions.

Handing in Your Work on Time

It is vital in Year 11 and 12 that all assessment work is handed in on time, for all courses. Failure to do so jeopardises marks and grades, and prevents the student achieving his or her potential.

Attendance Commitment

Attendance and participation in class is the key to achievement of success. Studies show that students who attend college regularly are more likely to succeed at college. Students should **aim for 100% attendance**. The only acceptable reasons for absences are sickness or attendance at a College activity such as an excursion. Work commitments and holidays are not acceptable reasons for being absent from College.

Medical Conditions Affecting College/Exam Performance

It is the responsibility of the student to notify the College of any medical condition that may affect performance at enrolment, or when he or she becomes aware of the condition. If special consideration is required in exams or class as a result of the medical condition, a medical certificate and/or other documentation must be provided to the Associate Principal, so that arrangements can be put in place. This is also a Schools' Curriculum and Standards Authority (SCSA) requirement.

Types of Programs of Study Offered

In Year 11, two types of programs are offered:

- **ATAR Pathway Program (University)**
- **General Pathway Program (Non-University - including VET and GENVET)**

Students study six (6) courses in Year 11 and six (6) courses in Year 12. Students should choose a course that they will continue to study for the two years. Once a student has commenced their program of study, course changes are discouraged and usually only considered in the case of a student being in a program of study that is too difficult for him or her.

All of the courses described above are governed by the syllabuses and assessment structures of the Schools' Curriculum and Standards Authority. These syllabus statements are available from the SCSA website – www.scsa.wa.edu.au.

In accordance with SCSA guidelines, students are awarded a grade for each course at the end of Year 11 and Year 12.

The grades appear on the student's Western Australian Statement of Student Achievement (WASSA) issued by the Schools' Curriculum and Standards Authority when the student has finished secondary school, and are based on assessments carried out by College staff throughout the year.

Before determining which course to take, make sure you thoroughly read and understand the Mindarie Senior College COURSE ENROLMENT PROCESS (Page 9).

ATAR Pathway Courses (University)

These courses are examined externally for the purposes of university entrance. Examinations covering the Year 12 courses are held in November every year. Specific dates for each year are available from the TISC website, www.tisc.edu.au. Each course in Year 11 rolls over to a course in Year 12 and is normally studied as a prelude to the Year 12 course; for example, Geography ATAR Year 11 followed by Geography ATAR Year 12.

It is recommended that students aiming for university entrance study a minimum of five ATAR courses in Year 11 (and subsequently the corresponding five ATAR courses in Year 12).

For ATAR courses studied in Year 12, in addition to the grade (determined, as above, by the college), students will receive a course assessment based on 50% of a mark submitted by the college (covering Year 12 work only) and 50% of the mark attained in the external exam to achieve an ATAR ranking for university entrance.

Unacceptable Course Combinations – ATAR Courses

You cannot use the following course combinations in calculating your ATAR. It may be possible to do both courses but the result in only one may be used in the calculation of your ATAR.

Chemistry ATAR **with** Integrated Science ATAR

Physics ATAR **with** Integrated Science ATAR

English ATAR **with** Literature ATAR

Mathematics Applications **with** Mathematics Methods

Mathematics Applications **with** Mathematics Specialist

General Pathway Courses (Non-University)

These courses are assessed at the College level, with one task set externally by SCSA in Year 12 for moderation purposes. These courses *do not* contribute to direct university entrance eligibility. Although some courses stand-alone each year, it is recommended that students select a course to study over the two years, as it can be very difficult to pick up a new course in Year 12 if the background has not been developed in Year 11.

Unacceptable Course Combinations – General Courses

You cannot use the following course combinations towards WACE (only one will count towards the achievement of WACE):

Infant/child focus (Children, Family and the Community) **with** **Independent Living focus** (Children, Family and the Community).

You cannot use both the General and ATAR course towards WACE for: Dance, Drama, Food Science and Technology, Geography, Health, Human Biology, Integrated Science, and Media Production and Analysis.

Vocational Education and Training (VET)

These courses are governed by the Australian Quality Training Framework and do not contribute to direct university entrance eligibility. Successful completion of these courses is an advantage for students who are aiming to apply for further training pathways (e.g. such as TAFE/Training Providers) and may be an advantage for students applying for alternative entry pathways to university (E.g. Portfolio Entry to Edith Cowan University.) For information on alternative pathways to university, please contact individual universities directly.

GENVET – At Mindarie Senior College, if a Year 11 General course leads to a VET course in Year 12, in this Curriculum Handbook these courses are referred to as GENVET. In selecting Year 11 course preferences, these courses should be considered as VET courses.

Course Choices

When choosing courses:

- Make a COMMITMENT for two years. It is advisable to follow a Year 11 course through to the end of Year 12.
- Read the detailed course descriptions contained in this handbook.
- Consider interest, abilities and career aspirations.
- Check that you have met the minimum entrance requirements.

Languages Other Than English

Due to the variety of LOTE courses studied at previous schools attended by our students, a stand-alone LOTE course does not run at Mindarie Senior College.

Course Enrolment Process

The aim for Mindarie Senior College students is that they enrol in the course that best suits their interests, abilities and future pathways. Year 11 students will enrol, and remain enrolled in, **six courses**, or course equivalents.

The following information is to be provided by the student at his or her enrolment interview, prior to the finalisation of course choices. If you do not have a copy of these documents, contact the school at which the student sat NAPLAN or OLNA. Course selections will not be finalised until this information has been supplied.

- Year 11 2018 Course Selection Form (the student will print this at the completion of his/her online course selection process (SSO)).
- Latest school report (If enrolling in Year 11, in most cases this is Semester One, Year 10)
- Year 9 NAPLAN results.
- OLNA results (unless the student prequalified through his/her Year 9 NAPLAN results)

ATAR Pathway (University)

The philosophy at Mindarie Senior College is to allow students to attempt university pathway courses *only if they meet the minimum entrance requirements* outlined in this curriculum handbook. All students aiming for entry to university directly from Year 12 will be required to enrol in a minimum of five (5) ATAR pathway courses.

General Pathway (Non University)

Students who enrol in a General Pathway course will enrol in at least one (maximum of two) VET or GENVET courses.

2018 Academic Standards Policy (the academic standards policy applies to all students)

Student individual academic success is a priority of teaching and learning at Mindarie Senior College. All learning programs focus on the successful attainment of academic goals and a student's successful transition to a preferred pathway at the completion of Year 12.

In order to achieve this outcome, all students in Year 11 are required to achieve the *minimum* standard of a C Grade (or equivalent) in three courses. A C grade equivalent is achieved in VET courses by the achievement of all units of competence.

Students who do not meet this minimum academic standard will be expected to repeat Year 11 the following year or seek alternative training or employment.

School Curriculum and Standards Authority (SCSA)

The School Curriculum and Standards Authority is the governing body in WA responsible for all courses, the Western Australian Secondary Statement of Achievement (WASSA) and the Western Australian Certificate of Education (WACE).

The School Curriculum and Standards Authority will issue two documents for students:

A **Western Australian Secondary Statement of Achievement (WASSA)** will be issued to all Year 12 students who complete any study that contributes to WACE.

and

The **Western Australian Certificate of Education (WACE)** which will be issued to all students who meet the requirements to achieve WACE.

Western Australian Certificate of Education (WACE)

By achieving WACE, the student demonstrates to potential employers, training organisations or tertiary institutions that work completed during Years 11 and 12 has met a national standard.

Parents and students are advised to check the School Curriculum and Standards Authority (SCSA) website, www.scsa.wa.edu.au for the most up to date information on the requirements for the achievement of WACE for their child. Alternatively, contact SCSA by phone: (08) 9273 6300.

Students who have commenced enrolment at MSC may also see the Manager of Student Studies, Careers Counsellor or an Associate Principal for details of WACE requirements.

University Entrance Requirements

In order to be considered for university admission, a school leaver applicant should have:

- (a) met the **WACE** requirements prescribed by the School Curriculum and Standards Authority;
- (b) achieved **competence in English** as prescribed by the individual universities;
- (c) obtained a **sufficiently high ATAR** for entry to a particular university course; and
- (d) met any prerequisites or special requirements for entry to particular courses.

For detailed information about university admission requirements, students and parents should refer to the appropriate *Admission Requirements for School Leavers* brochure produced by the Tertiary Institution Service Centre (TISC). Students may have received the brochure from the school they attended in Year 10. Alternatively these brochures can be downloaded from www.tisc.edu.au. Follow side-bar link to 'University Admissions' then 'Admission Requirements – School Leavers'.

Students may also make contact directly with the universities for information on courses and admission requirements. University Websites have specific sections for prospective/future students, parents and guardians and even sections for Year 10 students!

Curtin University of Technology

www.curtin.edu.au

Prospective Students Services

Phone: (08) 9266 2710 / 9266 2662

Email: undergrad@curtin.edu.au

Edith Cowan University

www.ecu.edu.au

Student Recruitment

Phone: (08) 6304 6304

Email: admissions@ecu.edu.au

Murdoch University

www.murdoch.edu.au

Prospective Students and Admissions
Centre

Phone: 1300 Murdoch

Email: admissions@murdoch.edu.au

The University of Western Australia

www.uwa.edu.au

UWA Admissions Centre

Phone: (08) 6488 2477

Email: admissions@uwa.edu.au

The University of Notre Dame (Private)

www.nd.edu.au

Phone: (08) 9433 0555

Email: enquiries@nd.edu.au

CQ University

www.cqu.edu.au/wa

Phone: (08) 9260 4000

Email: contacts.cqu.edu.au

TAFE

Entrance Requirements

For additional information, students and parents are encouraged to contact the
Career Centre

Phone: 13 23 98

Email: career.centre@dtwd.wa.gov.au

Webpage: www.trainingwa.wa.gov.au

As a guide only, key points of the TAFE entry requirements include:

Qualifications offered by TAFE will be divided into two groups.

The **first group** of qualifications will require applicants to address **entry requirements only**: These are qualifications for which there are more places available than applicants.

The **second group** of qualifications will require applicants to address **both entry requirements and selection criteria**: These are qualifications for which there are more applicants than places available; and Selection criteria will focus on past secondary education achievement/skill development; completed AQF qualifications; and workplace experience: paid or unpaid.

Provide evidence against the selection criteria for courses with competitive entry

Applicants who can demonstrate minimum literacy and numeracy skills will be assessed and ranked against the following selection criteria. Offers will be made to applicants with the highest total point scores.

Selection criteria – maximum 90 points	
Academic achievement – maximum 60 points	Work history – maximum 30 points
Derived from the highest points from either: <ul style="list-style-type: none">secondary education results; orcompleted AQF qualification. An overview of the points used to calculate a score for academic achievement is provided in attachment A.	Credit for total hours worked at 0.003 points per hour: <ul style="list-style-type: none">EmploymentWork experienceCommunity services/volunteer work

What does this mean for students selecting their learning program for Years 11 and 12?

Students should select a broad range of courses and experiences for which they have satisfied the recommended minimum entrance requirements. A student wanting to be prepared for the broadest range of TAFE courses, in addition to an English course, would typically include in their program of study a Maths and Science course, combined with other courses in their area of interest. Students must achieve the highest result of which they are capable. Participating in all classes and learning experiences and submitting all work on time are the most successful strategies to achieve the highest outcomes.

English – Foundation

Course Units FEENG
Non-University Pathway

Estimated Cost **\$79.00**

This course **must** be taken by students whose literacy level was judged to be Category 1, in either reading and writing, in their most recent OLNA (Online Literacy and Numeracy Assessment).

Course Outline

The English Foundation Course aims to develop students' skills in reading, writing, viewing, speaking and listening in work, learning, community and everyday personal contexts. Such development involves an improvement in English literacy, where literacy is defined broadly to include reading ability, verbal or spoken literacy, the literacy involved in writing, and visual literacy.

Students undertaking this Course will develop skills in the use of functional language conventions, including spelling, punctuation and grammar.

Further Study

Year 12 - English – Foundation
Course FTENG, or if the minimum literacy standard is met through OLNA during Year 11, English – General – Year 12
Course Code GTENG

English – General

Course Units GEENG
Non-University Pathway

Estimated Cost **\$79.00**

Course Outline

The English General Course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts.

The Course is designed to provide students with the skills to succeed in a wide range of post-secondary pathways by developing their language, literacy and literary skills. Students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms.

Minimum Entrance Requirements

None.

Further Study

Year 12 - English – General
Course Code GTENG

English – ATAR

Course Units AEENG
University Pathway

Estimated Cost

\$79.00

Course Outline

The English ATAR Course focuses on developing students' analytical, creative, and critical thinking and communication skills in all language modes, encouraging students to critically engage with texts from their contemporary world, the past, and from Australian and other cultures.

Through close study and wide reading, viewing and listening, students develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and enjoy creating imaginative, interpretive, persuasive and analytical responses in a range of written, oral, multimodal and digital forms.

Minimum Entrance Requirements

B Grade in Year 10 English.

Further Study

Year 12 - English – ATAR
Course Code ATENG

Literature – ATAR

Course Units AELIT
University Pathway

Estimated Cost

\$79.00

Course Outline

In the Literature ATAR Course, students learn to create readings of literary texts and to create their own texts, including essays, poems, short stories, plays and multi-modal texts. Students learn to read texts in terms of their cultural, social and historical contexts; their values and attitudes; and their generic conventions and literary techniques. They enter the discourse about readings, reading practices and the possibility of multiple readings. Students learn to create texts, paying attention to contexts, values and conventions.

Students learn about literary language, narrative, image and the power of representation. Students experience the aesthetic and intellectual pleasure that reading and creating literary texts can bring.

Minimum Entrance Requirements

A/B Grade in Year 10 English.

Further Study

Year 12 - Literature – ATAR
Course Code ATLIT

Dance – General

Course Unit GEDAN
Non-University Pathway

Estimated Cost **\$130.00**

Course Outline

Semester 1 - G1DAN
Exploring the components of dance

Students are introduced to:

- Dance language
- Practical & theoretical dance lessons
- Safe dance, Physical skills & Coordination
- Technique for styles of dance
- Performance qualities
- Hip-hop choreography with specialists

Semester 2 – G2DAN
Dance as entertainment

Students are introduced to:

- How dance functions as entertainment
- History and development of dance in musicals/films/television
- Various styles of dance
- Ways to interpret dance performances
- The social, historical, political and economic value of dance

Minimum Entrance Requirements

None.

Further Study

Year 12 - Dance – General
Course Code GTDAN

Dance – ATAR

Course Unit AEDAN
University Pathway

Estimated Cost **\$130.00**

Course Outline

Semester 1 – A1DAN
Popular culture

Students are introduced to:

- Dance language
- How dance can convey a message
- Safe dance, Physical skills & Choreographic tools
- Popular trends in dance & dance in music media
- Solo practical examinations
- The WA Set Solo in contemporary
- Written examinations
- Commercial dance styles with specialists

Semester 2 – A2DAN
Australian dance

Students are introduced to:

- Unique Australian cultural dance
- History and development of dance in Australia
- Australian dance companies
- Written examination
- Manipulating the Elements of Dance

Minimum Entrance Requirements

C Grade Year 10 English
Previous dance experience, (especially contemporary/ballet/jazz), and strong writing skills.
Contemporary dance is a major component of practical lessons.

*This course is not recommended for students with consistent injuries

Further Study

Year 12 - Dance – ATAR
Course Code ATDAN

Drama – General

Course Units – GEDRA
Non-University Pathway

Estimated Cost **\$110.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Unit 1 - Dramatic storytelling

The focus of this unit is dramatic storytelling. Students engage with the skills, techniques, processes and conventions of dramatic storytelling. Students view, read and explore relevant drama works and texts using scripts and/or script excerpts from Australian and/or world sources

Unit 2 – Drama performance events

The focus for this unit is drama performance events for an audience other than their class members. In participating in a drama performance event, students work independently and in teams. They apply the creative process of devising and of interpreting Australian and/or world sources to produce drama that is collaborative and makes meaning.

** Students are expected to participate in performances that may involve out of College rehearsals and performance. Students will also be given opportunities to view live performances as both excursion and incursions.

** The course includes both practical and written components.

Minimum Entrance Requirements

None, though Year 10 Drama units desirable

Further Study

Year 12 - Drama – General

Course Code GTDRA

TAFE courses in Arts and Entertainment

Drama – ATAR

Course Units AEDRA
University Pathway

Estimated Cost **\$110.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Unit 1 - Representational, realist drama

This unit focuses on representational, realistic drama forms and styles. Students explore techniques of characterisation through different approaches to text interpretation, particularly those based on the work of Stanislavski and other representational drama.

Unit 2 – Presentational, non-realist drama

This unit focuses on presentational, non-realist drama. Students explore techniques of role and/or character through different approaches to text interpretation, particularly those based on the work of Brecht and other presentational drama.

** Students are expected to participate in performances that may involve out of College rehearsals and performance. Students will also be given opportunities to view live performances as excursions and incursions.

** The course includes both practical and written components, including practical and written examinations.

Minimum Entrance Requirements

B Grade in Year 10 English.

Year 10 Drama units desirable.

Further Study

Year 12 - Drama – ATAR

Course Code ATDRA

Tertiary courses in the Arts.

TAFE courses in Arts & Entertainment.

Media Production and Analysis – General

Course Units GEMPA
Non-University Pathway

Estimated Cost **\$130.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Students in this course will have access to a fully functioning, multi-camera television studio. Students use state of the art digital SLR cameras. Video projects are edited using Adobe Creative Suite.

Unit 1 – G1MPA Mass Media

The focus of this unit is to create media projects that are common in the mass media. Student's will reflect on their own use of media and will view, listen and interact with common media forms. Students will analyse how media is constructed and produced, examining the way media impacts on their lives.

Unit 2 – G2MPA Point of View

The focus of this unit is creating media productions that are persuasive and are representations of the student's view of the world. In creating their own media works, students will develop production skills and strategies to communicate to an audience. Students will also analyse commercial and non-commercial media through viewing, listening and interacting with media work.

Minimum Entrance Requirements

Past experience in Media Studies would be an advantage.

Further Studies

Year 12 - Media Production and Analysis – General
Course Code GTMPA

Media Production and Analysis – ATAR

Course Units AEMPA
University Pathway

Estimated Cost **\$130.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Students examine and produce a range of media work in this course, building high-level production and analysis skills, which are the foundations for success in Year 12 ATAR Media Production and Analysis.

Students in this course will have access to a fully functioning, multi-camera television studio. Students use state of the art digital SLR cameras. Video projects are edited using Adobe Creative Suite.

Unit 1 – A1MPA Popular culture

The focus of this unit is to develop students' production and analytical abilities in film and television genres. Students will explore their choice of media work and develop their creative talents, producing videos that engage audiences.

Unit 2 – A2MPA Journalism

In this unit students will further their understanding of non-fiction media. Students explore a range of journalism genres and draw on this knowledge when developing ideas for their productions. They become increasingly independent and tell stories of importance to the world they live in.

Minimum Entrance Requirements

Achievement of a B Grade in English at Year 10 level. Past experience in Media Studies is desirable.

Further Studies

Year 12 - Media Production and Analysis – ATAR
Course Code ATMPA

Certificate II Creative Industries (Media)

Course Unit CUA20215 / AZN1
Non-University Pathway

Offered under the auspice of North Metropolitan TAFE
(RTO 52786)

Estimated Cost **\$150.00**

See Additional Cost Item Information Sheet for
additional costs

Course Outline

This is a **two year course** which allows students to develop practical skills in the use and application of digital media technology, as well as introduce them to the many career opportunities available within the Creative Industries.

The course is concerned with skill and knowledge development within several focus areas such as photography, video and audio production.

Core units cover critical thinking & problem solving, effective teamwork, developing industry knowledge, and working in a way that maintains their health and safety.

The Course is project based where students develop and demonstrate key competencies. They work individually and in teams to create professional media products that appeal to contemporary audiences.

The College is equipped with a High Definition Television Studio that is regarded as one of the finest within the state public education system.

Minimum Entrance Requirements

Completed some computing/media units in Years 8, 9, 10 or 11.

Further Study

Certificate, diploma and advanced diploma courses within the VET system of TAFE colleges, Institutes of Technology and Universities.

Music – GENVET

Course Codes - GEMUS
Non-University Pathway

Estimated Cost **\$140.00**

See Additional Cost Item Information Sheet for
additional costs

Course Outline

The Music course syllabus is designed around four key outcomes.

- Students apply musicianship skills, techniques and conventions when performing. This can involve playing from notation, from memory, improvising, playing by ear and the application of sound/production and technology.
- Students engage in the creative process of composing, arranging and transcribing music via notation, technology and/or improvisation.
- Students respond to, reflect on, and evaluate music. Students engage with the literature, music scores and recorded legacy of music through activities including aural and score analysis.
- Students understand how social, cultural and historical factors shape music in society.

Skills Outline

- Aural and theory
- Analysis
- Composition and arrangement
- Performance
- Cultural and historical perspectives
- Students receive professional tuition once a week during college time on a rotating timetable on their primary instrument.

Minimum Entrance Requirements

The following instruments are taught at the College: Voice, Guitar, Bass and Drums. Three years' experience on one of these instruments is desirable. Other instruments may be considered if negotiated with the teacher. Keyboard lessons are not provided.

Further Study

Year 12 - Certificate II in Music (CUS20109)

Certificate III in Visual Arts

Qualification Code CUA31115

Non-University Pathway

This course is delivered under the auspice of North Metropolitan TAFE (RTO 52786)

Estimated Cost **\$150.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

This is a **two year course** which suits creative individuals. Students have the opportunity to complete selected units of competency and achieve a full Certificate III in Visual Arts. The course develops portfolio skills, studio works and professional practices. The course offers students an insight into the way artists go about the creative process.

Skills Outline

This two year course offers units of competency in a selection of core and elective units from a wide range of art based units such as drawing, design, printmaking, ceramics and painting.

Minimum Entrance Requirements

Prior experience in the Visual Arts and achievement at a C Grade.

Further Study

Year 12 – General - Certificate III in Visual Arts CUA31115 (continued) or
Certificate IV in Visual Art and/or diploma courses at TAFE.

Visual Arts – ATAR

Course Units AEVAR

University Pathway

Estimated Cost **\$130.00**

Course Outline

The Visual Arts ATAR course encompasses the practice and theory of the broad areas of art, craft and design. Students have opportunities to express their imagination, develop personal imagery, develop skills and engage in the making and presentation of artwork.

The Visual Arts ATAR course encourages students to develop problem-solving skills together with creative and analytical ways of thinking.

Students will study two semester long themes, "Differences" and "Identities". The course is separated into two equally weighted areas, Art Making and Art Interpretation. Within Art Making students will be expected to produce a visual diary exploring drawing, design, influences, media testing, documentation and reflection and a final work/s. Art Interpretation encompasses two areas, Critical Analysis and Investigation.

Tasks will include analysing artworks, learning and applying art language, exploring art movements, artists influence upon art history and the students own work, writing artist statements, analytic and investigative essays, and exams.

Minimum Entrance Requirements

B Grade in Year 10 Visual Arts Course

Further Study

Year 12 - Visual Arts – ATAR
Course Code ATVAR

Design (Photography) – General

Course Unit GEDESP

Non-University Pathway

Estimated Cost **\$150.00**

Course Outline

The Photography course develops students' photographic skills and application of design elements and principles. With access to digital SLR cameras with a variety of lenses, lighting, and the full Adobe Creative Suite, the course also aims to improve student's prospects for employment in the photographic and publishing industries.

Unit 1 – Design Fundamentals

The focus of this unit is to introduce the students to the design process through photography. Students will develop their photography skills and present their work in a published photography portfolio.

Unit 2 – Personal Design

Students will explore personal interests through photography using Adobe InDesign to create magazine layouts in a style of their choice.

Minimum Entrance Requirements

Experience in photography would be advantageous

Further Study

Year 12 – Design (photography Units 3 and 4)

PATHWAYS FOR TECHNOLOGY AND ENTERPRISE

Pathways	Year 11	Year 12	Further Study
Not aiming for direct entry to University: General Courses	Accounting and Finance - General (GEACF)	Certificate II in Business - VET (BSB20112)	TAFE
	Business, Management and Enterprise – General (GEBME)	Business, Management and Enterprise - General (GTBME)	TAFE
	# Computer Science - GENVET (GECSC)	Certificate II in Information, Digital, Media Technology – VET (ICA20111)	TAFE
	**Children, Family and the Community: Infant/Child focus - GENVET (GECFCC)	Certificate II in Community Services – VET (CHC20112)	TAFE
	**Children, Family and the Community: Independent Living General (GECFCL)	Certificate II in Community Services – VET (CHC20112)	TAFE
	Food Science and Technology General (GEFST)	Food Science and Technology General (GTFST)	TAFE
	Textiles - Materials Design and Technology-General (GEMDTT)	Textiles - Materials Design and Technology-General (GTMDTT)	TAFE
	Wood - Materials Design and Technology-General (GEMDTW)	Wood - Materials Design and Technology - General (GTMDTW)	TAFE
	Design – Technical Graphics-General (GEDEST)	Design – Technical Graphics - General (GTDEST)	TAFE
Aiming for Direct Entry to University	Accounting and Finance ATAR (AEACF)	Accounting and Finance ATAR (ATACF)	University/TAFE
	Computer Science ATAR (AECSC)	Computer Science ATAR (ATCSC)	University/TAFE
	Food Science and Technology ATAR (AEFST)	Food Science and Technology ATAR (ATFST)	University/TAFE

If students complete the General course to a high level in Year 11, they may be able to transfer into the ATAR course in Year 12.

** Students may only choose one of these courses (ie: Infant/child focus *OR* Independent Living focus).

Accounting and Finance – GENVET

Course Units GEACF
Non-University Pathway

Estimated Cost **\$50.00**

Course Outline

The Accounting and Finance General course aims to make students financially literate by creating an understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. It helps students to analyse and make informed decisions about finances. They will select and use a variety of financial systems ranging from personal banking and financial planning to small business record-keeping and reporting. Students will develop a broadly based financial literacy that will enable them to deal successfully with the financial aspects of their lives as individuals, employees, and business-people.

This course is ideal for all students but will assist students who are looking to own their own business, learning financial literacy, as well as those looking to go into the workforce.

Skills Outline

Some of the key concepts, which relate to personal and small business finance, covered include:

- Dealing with banks
- What insurances do I need?
- Dealing with credit
- Bank reconciliations
- Recording and reading financial documents
- Budgeting
- Superannuation
- Taxation
- Role of Government
- Role of not-for-profit organisations in financial decision making
- Business records

Minimum Entrance Requirements

None

Further Study

Year 12 – VET - Certificate II in Business (BSB20112)

Accounting and Finance – ATAR

Course Units AEACF
University Pathway

Estimated Cost **\$50.00**

Course Outline

The Accounting and Finance ATAR course aims to make students financially literate by understanding the systems and processes through which small businesses operate in terms of both financial information and community involvement. It helps students to analyse and make informed decisions about finances. They will select and use a variety of financial systems including manual and electronic recording of business transactions. Students will develop a broadly based financial literacy that will enable them to deal successfully with the financial aspects of their lives including the concepts of risk and return as well as stability and profitability.

This course is ideal for all students but will assist students who are looking to study commerce, looking to own their own business, learn financial literacy as well as those looking to go into the managerial roles in the future.

Skills Outline

Some of the key concepts, which relate to personal and small business, covered include:

- Bookkeeping skills
- Dealing with GST
- Creating income statements
- Preparing balance sheets
- Recording and reading financial documents
- Sources of finance for businesses today
- Using computerised accounting programs
- Taxation
- Role of Government in businesses today
- Role of not-for-profit organisations in financial decision making
- Interpreting financial reports and ratios

Skills Outline

Numeracy, Literacy, Problem solving, Computer literacy

Minimum Entrance Requirements

C Grade in Year 10 Mathematics and English

Further Study

Year 12 – ATAR - Accounting & Finance
Course Code ATACF

Business, Management and Enterprise – General

Course Units GEBME
Non-University Pathway

Estimated Cost **\$65.00**

Course Outline

The Business Management and Enterprise General course gives students the opportunity to understand how vital business is to individuals and society.

The Business Management and Enterprise General course aims to prepare all students for a future where they will need to identify possibilities and create opportunities within a business environment. This course provides students with the ability to make sound and ethical business decisions based on critical thinking and gives them knowledge to help start their own business in the future.

Skills Outline

Some of the key concepts which will be covered include:

- understand marketing
- understand how organisational practices, procedures and structures function.
- understand the impact of beliefs and values on business activity
- understand the impact of economic environments, government policies and legal requirements on business activity
- understand the impact of technologies
- apply business skills, tools and processes
- demonstrate interpersonal skills required for effective business operations
- investigate and evaluate innovative and enterprising opportunities

Minimum Entrance Requirements

None

Further Study

Year 12 – General - Business Management and Enterprise
Course Code GTBME

Design Technical Graphics – General

Course Units GEDEST
Non-University Pathway

Estimated Cost **\$52.00**

Course Outline

This course is for students who like to design for real life scenarios. Architecture, Engineering and Product Design are at its core and provide students with some insight into design in these areas.

Students learn to use state of the art software including AutoCAD, Inventor, 3dsMax and Photoshop to help them make quality designs.

Within the Product Design segment of the course, students design a personal product suitable for 3d printing and are given the opportunity to print it out.

The course caters to a range of abilities and interests and has no prerequisites, however good computer literacy is an advantage.

Skills Outline

- Develop proficiency using Industry standard software packages including: AutoCAD, Inventor and 3ds Max
- Learn and apply industry standards
- Design methodology

Minimum Entrance Requirements

None

Further Study

Year 12 - Design – Technical Graphics – General
Course Code GTDEST

Year 12 - TAFE Courses in Building & Architectural Associates and Technicians.

Computer Science – GENVET

Course Units GECSC
Non-University Pathway

Estimated Cost **\$70.00**

Course Outline

This course will be ideal for students who are interested in computers and want to know a bit more about them and the Video Game Industry. It will deal with how computers work, building computers, setting up a small network as well as designing and creating Video Games.

The focus for this course is primarily the Gaming Industry and students will learn how to create and design Video Games using popular software such as GameMaker: Studio. Students will also learn the fundamentals of Information Systems and the importance of Databases and Spread sheets in a gaming context. Students investigate computer systems available and the various configurations needed to meet their personal needs.

Skills Outline

Some of the key concepts which will be covered include:

- Hardware and Software
- Basic maintenance of personal computers
- Basic care for hardware
- Build a computer from scratch including installing basic devices
- Simple programming with GameMaker: Studio
- Configuring a basic network for home and setting up the Internet
- Ethics and social concerns of computers and gaming eg: security of data, firewalls

Minimum Entrance Requirements

None

Further Study

Year 12 - Certificate II in Information, Digital, Media Technology (ICA20111)

Computer Science – ATAR

Course Units AECSC
University Pathway

Estimated Cost **\$70.00**

Course Outline

The course focuses on the fundamental principles, concepts and skills within the field of computing and provides students with opportunities to develop flexibility and adaptability in the application of these, in the roles of developers and users.

Students who do this course will learn the following skills which will not only help them in Year 11 and 12 but also provide them with logical thinking to help them in the future. This is achieved through the use of computers and how they relate to small businesses operating today.

This course is ideal for all students but will assist students who are looking for a career in computers as well as those looking to go to university or into business.

This course provides students with practical and technical skills that equip them to function effectively in a world where these attributes are vital for employability and daily life in a technological society.

Skills Outline

Some of the key concepts include:

- Identifying hardware and software components as they are related to networks and industry
- Types of operating systems
- Producing various data bases
- Build simple networks
- Maintenance of computers
- Different types of business systems
- Building prototypes
- The System Development Life Cycle
- Simple algorithms and programming using Python including the Python Challenge
- Social and ethical concerns regarding computers in today's society

Minimum Entrance Requirements

C Grade in Year 10 English and Mathematics

Further Study

Year 12 - Computer Science – ATAR
Course Code ATCSC

Wood - Material Design and Technology – General

Course Units GEMDTW
Non-University Pathway

Estimated Cost **\$130.00**

Course Outline

The Woodwork Course offers students a unique learning opportunity by developing cognitive and communication skills within the Woodwork context. This course will provide & prepare students for the opportunities, responsibilities and critical participation in today's modern technological world.

The course is about designing products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material/ costing lists and production procedures.

Throughout this process, the students will be encouraged to generate their own ideas through research of existing products, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment such as the use of various tools, machinery and processes relevant to the tasks in a safety and effective environment.

Projects include wooden geared clock, upholstered stool and a lathe project.

Skills Outline

The course is divided into three content areas:

- Materials
- Design
- Use of Technology

Minimum Entrance Requirements

Successful experience in Woodwork desirable.

Workshop Safety Compliance

Students are expected to wear safety glasses at all times in the workshop. Covered shoes are the minimum required standard of footwear.

Further Study

Year 12 - Wood - Materials Design and Technology – General - Course Code GTMDTW

Textiles – Material Design and Technology – General

Course Units GEMDTT
Non-University Pathway

Estimated Cost **\$92**

See Additional Cost Item Information Sheet for additional costs

Major task project will require additional student expenditure for materials. Students will be supplied with general haberdashery, notions and fabric for sample work. Students will be expected to supply fabric and notions for a personal garment project as a major task.

Course Outline

The Materials Design and Technology course (in the context of TEXTILES) aims to provide the foundation for lifelong learning about how materials are developed and used in a technological and material world. Students will be encouraged to explore the range and properties of a variety of fabrics focussing on natural and synthetic fibres in these units.

Working with materials, students develop a range of manipulative, processing, manufacturing and organisational skills.

All members of the class are required to participate in a fashion show and will have opportunities for entering fashion competitions.

Activities in this course enhance employability in areas that include textiles and clothing, manufacturing and design.

Skills Outline

- Design fundamentals and skills portfolio
- Design techniques
- Design for the consumer
- Nature of materials
- Properties of new and traditional materials
- Sewing techniques portfolio
- Embellishment techniques
- Pattern drafting and construction

Minimum Entrance Requirements

None.

Further Study

Year 12 - Textiles – Materials Design and Technology – General – Course Code GTMDTT

Children, Family and Community: Caring for Others: Infant/Child Focus – GENVET

Course Units GECFCC
Non-University Pathway

Estimated Cost **\$92.00**

Course Outline

Caring for a child is one of the most rewarding experiences anyone can undertake. The General Syllabus Units 1 & 2 provide students with knowledge and skills to prepare for this life changing experience.

This course will include both theory and practical components.

Unit 1 provides an understanding of family types and functions, parenting, reproduction/ pregnancy, how a child grows and develops, and an awareness of services and networks to support and assist families.

Unit 2 provides an understanding of factors influencing the health of children, ethical issues relating to children and families, sustainable practices when working and living with children, and the importance of play.

Students will have an opportunity to care for a virtual baby, develop practical resources for children and interact with young children. This course is an excellent choice for students with a genuine interest in children and their welfare, and for those planning a career working with 0-5Year olds.

Skills Outline

- Family roles & responsibilities
- Families living in Australia
- Pregnancy and Parenting
- Health of a newborn
- Developmental milestones
- Support services for families
- Influences on children's health
- Ethics and Sustainability
- Play

Minimum Entrance Requirements

None.

Further Study

Year 12 – VET – Certificate II in Community Services (CHC20112)

Children, Family and Community: Living Independently – GENVET

Course Units GECFCL
Non-University Pathway

Estimated Cost **\$92.00**

Course Outline

All about you! This course is about developing a range of important life skills while you negotiate the challenges of adolescence. This course assists you in learning these basic life skills. Personal issues and relationships with parents and peers are explored.

Students will also learn about the many contemporary issues affecting their lives. The modern world of a teenager can be a very isolated and stressful place. This course will give you strategies to deal with outside and internal pressures.

The course also has a practical element, which involves craft in the textile and food areas.

Topics covered include:

- Personal Development
- Food and healthy eating
- Families and friends
- Communication skills
- Contemporary issues (Body Image, relationships, drugs, family breakdown etc.)

Minimum Entrance Requirements

None.

Further Study

Year 12 – VET – Certificate II in Community Services (CHC22015)

Food Science and Technology – General

Course Units GEFST
Non-University Pathway

Estimated Cost **\$125.00**

Course Outline

The focus for Unit 1 is food choices and health: students learn about food through practical preparation skills in relation to themselves and their future. They work with readily available foods to address individual requirements, eating habits and lifestyles.

Students learn about:

- Food as a commodity
- Nutrition
- Properties when developing products or recipes

The focus for Unit 2 is food for communities; students explore relationships between consumers and enterprises in communities and how these impact on the availability and diversity of food services, products and equipment.

Students learn about:

- Bulk food preparation
- Cutting techniques
- Nutrition
- Preparation of multi-course meals
- Ethical and community issues

Skills Outline

- Safe and hygienic work practices
- Preparation methods used to produce food products
- Choosing recipes to suit a purpose
- Effects of processing of food
- Variety and availability of local foods

Minimum Entrance Requirements

None.

Further Study

Year 12 - Food Science & Technology
General Course Code GTFST

Food Science and Technology – ATAR

Course Units AEFST
University Pathway

Estimated Cost **\$125.00**

Course Outline

The focus for Unit 1 is food science: students investigate sensory, physical and chemical properties of food. Through practical cooking lessons, students will investigate the functional properties, which determine the performance of food. Societal and Economic influences on food choice will also be investigated.

Students learn about:

- Primary and secondary food processes
- Nutrition and diet related diseases
- Properties when designing and evaluating products or services

The focus for Unit 2 is the undercover story: students learn about food spoilage, contamination and reasons for preserving food. Food safety laws and regulations are investigated to determine safe preservation, packaging, labelling and storage of food. Students will apply the technology process to devise food orders, production plans and produce safe, quality food.

Students learn about:

- Food Models
- Adapting recipes
- Food processing techniques
- Nutritional needs of demographic groups

Skills Outline

- Occupational safety and health requirements
- Safe food handling practices
- Preparation methods used to produce food products
- Evaluate food products, services & systems

Minimum Entrance Requirements

C Grade in Year 10 Mathematics and English

Further Study

Year 12 - Food Science & Technology
ATAR Course Code ATFST

Workplace Learning

Course Unit ADWPL

Estimated Cost **\$107.00**

Includes workshops, employer documentation and student logbook.

Course Outline

Students will be given an opportunity to develop and demonstrate increasing competence in the core skills for work, often referred to as generic, transferable or employability skills. Students will learn to apply and adapt workplace skills that are necessary to understand and carry out different types of work.

Students must complete an arranged period of time in a suitable workplace, with the work placement day being a Wednesday. Prior to applying for the WPL program, students should ensure that they have read and understood the 2018 Mindarie Senior College Workplace Learning Policy, available from our website: <http://www.mindarie.wa.edu.au/courses/year-11/workplace-learning>

Note: Download and complete the application prior to the enrolment interview.

Some industries are extremely difficult to place students in and these are outlined in the application form. Parents/students are strongly encouraged to source their own placement in these industries.

Core Skills Outline

- Manage career and work life
- Work with roles, rights and protocols
- Communication for work
- Connect and work with others
- Recognise and utilise diverse perspectives
- Plan and organise
- Make decisions
- Identify and solve problems
- Create and innovate
- Work in the digital world

Minimum Entrance Requirements

- Positive attitude and interest
- Completion of the application.

Vocational Education and Training (VET) Opportunities

Mindarie Senior College offers seven internal VET courses with only 2 commencing in Year 11

- Certificate II in Creative Industries (Media)
This course is offered to students under the auspice of North Metropolitan TAFE (RTO 52786)
- Certificate III in Visual Arts
This course is offered to students under the auspice of North Metropolitan TAFE (RTO 52786)

Complete details of external VET courses on offer in 2018 are not available at the time of publishing. As information becomes available, external VET opportunities will be posted on the website:

<http://www.mindarie.wa.edu.au/courses/year-11/vocational-education-and-training-vet-opportunities>

A range of VET opportunities are available to students and in most instances it is beneficial for VET students to also participate in Workplace Learning. The cost of VET programs varies, with many being free, some having a cost for resources and a few charging tuition fees.

It is important that students and parents understand that if a student chooses to participate in a VET program, the student may miss classes at MSC. It is a condition of participation that the student keeps up with all aspects of his/her program of study. VET programs count as a course/unit equivalent towards WACE and participating students may be allowed to reduce their course load to give them the greatest opportunity to succeed.

As a guide, information usually becomes available from mid-July and, in 2017, the following external VET opportunities were available to MSC students and we anticipate these will be similar in 2018.

Students should mention their interest in a VET program at their enrolment interview.

Full certificate courses at TAFE one-day-per-week

These courses are delivered at specific TAFE campuses across the metropolitan area and students are responsible for their own transport to and from the particular campus. Up to date information on the MSC website will indicate at which campus each course is delivered.

As a guide only, in 2017 MSC students were able to access full certificate courses in the following areas:

NORTH METROPOLITAN TAFE

- Automotive – Vehicle Servicing
- Electrotechnology (Electrical)
- General Construction – Carpentry and Joinery
- General Construction- Wet Trades
- Metals / Engineering
- Hospitality (food preparation & front of house)
- Beauty Services
- Tourism & Events
- Population Health
- Business

SOUTH METROPOLITAN TAFE (these campuses require distant travel)

- Animal Studies
- Automotive Body Painting & Panel Beating
- Automotive – Vehicle Servicing (light & heavy)
- Aviation (Cabin Crew)
- Engineering (Heavy Metals)
- Mechanical Fitter
- Mechanical – Plant Mechanic
- Building and Construction Pathways
- Floristry
- Plumbing
- Tourism
- Electronics
- Computer Assembly and Repair
- Hospitality
- Retail Baking

Information will be posted on the MSC website (under Courses menu/quicklink) as it becomes available, or interested students may contact the VET Coordinator at Mindarie Senior College.

School Based Traineeships (SBTs)

A school-based traineeship is approximately an 18 month commitment. Once the contracts are signed, students are employees and are paid a training wage for the on-the-job component of their traineeship.

Successful candidates complete a Certificate II or Certificate III in an industry area, which will count towards the achievement of WACE and therefore allows a reduction in the number of courses the student studies at MSC.

School-based traineeship opportunities are advertised as they arise. SBT's involve employers and are managed by industry representatives and the College. Students usually undergo a trial period with an employer and, if successful, may commence a traineeship.

Mindarie Senior College staff will assist and support any student who arranges to commence a school-based traineeship with an employer. Not all industry areas have school-based traineeships. Further information is available at www.trainingwa.wa.gov.au

School Based Apprenticeships

A school based apprentice can commence in Year 11 or Year 12, and starts an apprenticeship whilst still at school. The student will develop skills and get paid whilst getting ready for a career in the workforce, as well as working towards WACE and an industry recognised qualification.

Students would generally work for two days per week for one semester and then work for one day and attend a Training Provider course for one day in the second semester. Further information is available at www.trainingwa.wa.gov.au

Mindarie Senior College staff will assist and support any student who arranges to commence a school-based apprenticeship with an employer. Not all industry areas have school-based apprenticeships.

Health Studies – General

Course Unit GEHEA
Non-University Pathway

Estimated Cost **\$91**

Course Outline

Courses in Health Studies are designed for those students interested in pursuing a pathway to Health, Social and Community Services and related TAFE courses and fields of employment. Health Studies facilitates the development of knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health.

The influence of social, environmental, economic and biological determinants of health is a key focus of the Course. Other Course content includes the influence of beliefs, attitudes and values on health behaviour, and the importance of self-management and interpersonal skills in making healthy decisions

The Health issues examined are:

- Dimensions of Health
- Lifestyle Factors affecting Health
- Drug Education
- Health Facilities and Services
- Mental Health
- Physical Activity
- Determinants of Health
- Community Health
- Decision Making
- Preventative Health Care
- Physical Activity and Nutrition

To complement the theoretical side of this course, students will participate in a number of practical sessions throughout the year, as well as having regular guest speakers.

Minimum Entrance Requirements

None.

Further Study

Year 12 - Health Studies – General
Course Code GTHEA

Health Studies – ATAR

Course Unit AEHEA
University Pathway

Estimated Cost **\$91**

Course Outline

The focus of this Course is on understanding the importance of personal and community action in promoting health. Students will explore contemporary health issues, examining the impact of social, environmental, economic and biomedical factors and their collective contribution to health disparities.

Students will apply inquiry skills to examine and analyse health issues, develop arguments and draw evidence-based conclusions to develop approaches to address barriers to better health. The course provides opportunities for students to develop skills to pursue careers in a range of health and community service industries.

Content areas include:

- Beliefs, attitudes and values
- Social and cultural norms
- Self-management and Interpersonal skills
- Holistic health
- Principles, frameworks, models and theories
- Actions and strategies
- Consumer health
- Health inquiry

Assessment - Students will complete a variety of tasks including exams. These will allow demonstration of achievement across all outcomes.

Minimum Entrance Requirements

B Grade in Year 10 English and an interest in health promotion, research or community health care, sport and exercise science and the human body.

Further Study

Year 12 - Health Studies - ATAR
Course Code ATHEA

Physical Education Studies – GENVET

Course Units GEPES
Non-University Pathway

Estimated Cost **\$131**

Course Outline

This Course is designed for students with a desire to gain an understanding of how the body functions and to be physically active. The Course comprises of **50%** theoretical and **50%** practical work.

Course theory content includes

- Developing physical skills and tactics
- Motor learning and coaching
- Functional anatomy
- Biomechanics
- Exercise physiology
- Sport psychology

The practical modules selected for each class will be dependent upon the specific expertise of the teacher and the resources and facilities available to the class. They may include;

- Touch rugby
- Triathlon
- Handball
- Basketball
- Tennis
- Badminton

The course prepares students for a variety of post-school pathways, including immediate employment or tertiary studies. It provides students with a range of employment opportunities in the sport, leisure and recreation industries, sport development, youth work and health and medical fields linked to physical activity and sport. The course also equips students to take on volunteer and leadership roles in community activities.

Minimum Entrance Requirements

A passion for understanding how the body functions and for participating in physical education.

Further Study

Year 12 - Certificate II in Sport & Recreation
Qualification Code – SIS20313

Physical Education Studies – ATAR

Course Units AEPES
University Pathway

Estimated Cost **\$150**

Course Outline

This Course covers a range of sports science topics. Knowledge is gained through both theoretical and practical experiences. The Course time is divided between the theoretical and practical components. However, the Course comprises **70%** theoretical and **30%** practical. For this reason, physical prowess alone will not be sufficient for success in this Course.

Students will be required to actively participate in all modules of the Course to the best of their ability.

Practical modules selected for each class will be dependent upon the specific expertise of the teacher and resources and facilities available to the class.

Unit content:

- Functional Anatomy
- Exercise Physiology
- Biomechanics
- Motor Learning and Coaching and
- Sport Psychology
- Developing physical skills, strategies and tactics
- Practical sports may include Volleyball and Netball

Minimum Entrance Requirements

B Grade in Science, Physical Education and English in Year 10.

Further Study

Year 12 - Physical Education Studies – ATAR
Course Code ATPES

Outdoor Education - General

Course Unit GEOED

Non-University Pathway

Estimated Cost

\$130

Course Outline

The focus of this Course is experiencing the outdoors, building confidence in the outdoors and outdoor leadership. The course offers the opportunity to safely engage in a range of outdoor activities that pose challenges and encourage students to step outside their comfort zone. These include:

- Attaining a Surf Rescue Certificate
- Surfing and Kayaking
- Abseiling and Rock climbing
- Mountain Biking

Students will also:

- Develop self-awareness, personal skills, interpersonal and leadership skills
- Develop risk management strategies and basic first aid skills
- Develop environmental awareness and interpretation, including minimal impact, and students are invited to acknowledge their relationship with nature

Students are required to attend 2 expeditions and a 1 day excursion during which they will be assessed on Course outcomes. Most practical sessions in unit 1 are aquatic based. Students are required to participate in all of these sessions.

Where a student cannot attend an expedition or excursion, a medical note will be required.

Minimum Entrance Requirements

The ability to swim 200m continuously in open water, and it is desired to have a passion for outdoor pursuits. It is highly recommended students have a good level of fitness, as this course is physically challenging.

Further Study

Year 12 - Outdoor Education – General

Course Code GTOED

Mathematics Courses - Year 11

There are five mathematics courses, two General and three ATAR. The courses are differentiated, each focusing on a pathway that will meet the learning needs of a particular group of senior secondary students.

The Mathematics course you choose will depend on the level of Mathematics you are doing in Year 10 and if you are considering a university course that has mathematics prerequisites. You may choose from 4 Mathematics course pathways at Mindarie Senior College. Be realistic.

Pathways for Mathematics

Mathematics	
Year 11 Units	Year 12 Units
Methods 1 + 2 AEMAM	Methods 3 + 4 ATMAM
Applications 1 + 2 AEMAA	Applications 3 + 4 ATMAA
Essentials 1 + 2 GEMAE	Essentials 3 + 4 GTMAE
Foundation 1 + 2 FEMAT	Foundation 3+4 FTMAT

Mathematics: Specialist	
Year 11 Units	Year 12 Units
Specialist 1 + 2 AEMAS	Specialist 3 + 4 ATMAS

Mathematics: General courses	Minimum Entrance Requirement
Mathematics Foundation: FMAT	This course is only available to students whose numeracy was resulted as Category 1 in their most recent OLN (Online Literacy and Numeracy Assessment).
Mathematics Essentials: GEMAE	None

Mathematics: ATAR courses	Minimum Entrance Requirement
Mathematics Applications: AEMAA	C grade in Year 10 Mathematics.
Mathematics Methods: AEMAM	A/high B grade in Year 10 Mathematics
Mathematics Specialist: AEMAS	A grade in Year 10 Mathematics and considerable algebraic understanding and skills.

Mathematics - Foundation

Course Unit FEMAT
Non University Pathway

This course is only available to students whose numeracy was resulted as Category 1 in their most recent OLNA (Online Literacy and Numeracy Assessment).

Estimated Cost **\$79.00**

Course Outline

This course focuses on building the capacity, confidence and disposition to use mathematics to meet the numeracy standard for the WACE. It provides students with the knowledge, skills and understanding to solve problems across a range of contexts, including personal, community and workplace/employment.

This course provides the opportunity for students to prepare for post-school options of employment and further training.

The Mathematics Foundation course aims to develop students' capacity, disposition and confidence to:

- recognise and apply functional numeracy concepts and techniques in practical situations, including personal, community and workplace contexts
- interpret and apply mathematical information embedded in various documents, texts and other media, involving contexts from everyday life and work
- represent and communicate mathematically, consistent with the language of the context.

Minimum Entrance Requirements

None

Further Study

Year 12 - Mathematics – Foundation
Course Code FTMAT, or
If the minimum numeracy standard is met through OLNA during Year 11,
Mathematics Essentials – General – Year 12 Course Code GTMAE

Mathematics Essentials – General

Course Unit GEMAE
Non University Pathway

Estimated Cost **\$79.00**

Course Outline

This course focuses on using mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings.

This course provides the opportunity for students to prepare for post-school options of employment and further training.

The Mathematics Essential General course aims to develop students' capacity, disposition and confidence to:

- understand concepts and techniques drawn from mathematics and statistics
- solve applied problems using concepts and techniques drawn from mathematics and statistics
- use reasoning and interpretive skills in mathematical and statistical contexts
- communicate in a concise and systematic manner using appropriate mathematical and statistical language
- choose and use technology appropriately.

Minimum Entrance Requirements

None

Further Study

Year 12 - Mathematics Essentials – General
Course Code GTMAE

Mathematics Applications – ATAR

Course Unit AEMAA

University Pathway

Estimated Cost **\$50.00**

A CASIO CAS calculator is required for this course.

Course Outline

This course focuses on the use of mathematics to solve problems in contexts that involve financial modelling, geometric and trigonometric analysis, graphical and network analysis, and growth and decay in sequences.

It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering questions that involve analysing univariate and bivariate data, including time series data.

The Mathematics Applications ATAR course aims to develop students’:

- understanding of concepts and techniques drawn from, and ability to solve applied problems from, the topic areas of number and algebra, geometry and trigonometry, graphs and networks, and statistics
- reasoning and interpretive skills in mathematical and statistical contexts
- capacity to communicate the results of a mathematical or statistical problem-solving activity in a concise and systematic manner using appropriate mathematical and statistical language
- capacity to choose and use technology appropriately and efficiently.

Minimum Entrance Requirements

C grade in Year 10 Mathematics

Further Study

Year 12 - Mathematics Applications – ATAR

Course Code ATMAA

Mathematics Methods – ATAR

Course Unit AEMAM

University Pathway

Estimated Cost **\$50.00**

A CASIO CAS calculator is required for this course.

Course Outline

This course focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world, and includes the use of functions, their derivatives and integrals, in modelling physical processes.

The study of statistics develops students’ ability to describe and analyse phenomena that involve uncertainty and variation.

The Mathematics Methods ATAR course aims to develop students’:

- understanding of concepts and techniques drawn from algebra, the study of functions, calculus, probability and statistics
- ability to solve applied problems using concepts and techniques drawn from algebra, functions, calculus, probability and statistics
- reasoning in mathematical and statistical contexts and interpretation of mathematical and statistical information, including ascertaining the reasonableness of solutions to problems
- capacity to communicate in a concise and systematic manner using appropriate mathematical and statistical language
- capacity to choose and use technology appropriately and efficiently.

Minimum Entrance Requirements

A or high B grade in Year 10 Mathematics

Further Study

Year 12 - Mathematics Methods – ATAR

Course Code ATMAM

Mathematics Specialist – ATAR

Course Unit AEMAS

University Pathway

This course **MUST** be studied with Mathematics Methods. It cannot be studied as a stand-alone course.

Estimated Cost **\$50.00**

A CASIO CAS calculator is required for this course.

Course Outline

This course provides opportunities, beyond those presented in the Mathematics Methods ATAR course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively.

The course contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods course, as well as demonstrate their application in many areas. This course also extends understanding and knowledge of statistics and introduces the topics of vectors, complex numbers and matrices.

The Mathematics Specialist ATAR course aims to develop students’:

- understanding of concepts and techniques drawn from, and the ability to solve applied problems using, combinatorics, geometry, trigonometry, complex numbers, vectors, matrices, calculus and statistics.
- reasoning in mathematical and statistical contexts and interpretation of mathematical and statistical information, including ascertaining the reasonableness of solutions to problems
- capacity to communicate in a concise and systematic manner using appropriate mathematical and statistical language
- ability to construct proofs.

Minimum Entrance Requirements

A grade in Year 10 Mathematics; and considerable algebraic understanding and skills.

Further Study

Year 12 - Mathematics Specialist – ATAR

Course Code ATMAS

Biology - ATAR

Course Units AEBLY
University Pathway

Estimated Cost **\$50.00**

Course Outline

A unique appreciation of life and a better understanding of the living world are gained through studying Biology. This course encourages students to be analytical, to participate in problem-solving and to systematically explore fascinating and intriguing aspects of living systems, from the microscopic level through to ecosystems.

Students develop a range of practical skills and techniques through investigations and fieldwork.

Studying the Biology ATAR course provides students with skills and understandings that are valuable to a wide range of further study pathways and careers. Understanding of biological concepts, as well as general science knowledge and skills, is relevant to a range of careers, including those in medical, veterinary, food and marine sciences, agriculture, biotechnology, environmental rehabilitation, biosecurity, quarantine, conservation and eco-tourism.

The Year 11 syllabus is divided into two units:

Unit 1 – Ecosystems and biodiversity - Students develop an understanding of the processes involved in the movement of energy and matter in ecosystems. They study ecosystem dynamics, population numbers and species diversity, along with descriptions of species interactions. Students use classification systems for data collection, comparison and evaluation.

Unit 2 – From single cells to multicellular organisms - students investigate the interdependent components of the cell system and the multiple interacting systems in multicellular organisms.

Minimum Entrance Requirements

B Grade in Year 10 Science – Biological science sub-strand

B Grade in Year 10 English

Further Study

Biology – ATAR – Year 12

Course Code ATBLY

Chemistry - ATAR

Course Units AECHE
University Pathway

Estimated Cost **\$50.00**

Course Outline

The Chemistry ATAR course equips students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Theories and models are used to describe, explain and make predictions about chemical systems, structures and properties. Students recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop precision, critical analysis and informed decision making.

Understanding chemistry is relevant to a range of careers, including those in forensic and environmental science, engineering, medicine, dentistry, pharmacy and sports science.

The Year 11 syllabus is divided into two units:

Unit 1 – Chemical fundamentals: structure, properties and reactions - students use models of atomic structure and bonding to explain the macroscopic properties of materials. Energy changes associated with chemical reactions and the use of chemical equations to calculate the masses of substances involved in chemical reactions is explored.

Unit 2 – Molecular interactions and reactions – the understanding of bonding models and the relationship between structure, properties and reactions, including consideration of the factors that affect the rate of chemical reactions. The unique properties of water, acids and bases, and use chemical equations to calculate the concentrations and volumes of solutions involved in chemical reactions is investigated.

Minimum Entrance Requirements

A/B Grade in Year 10 Science – Chemical and/or Physical science sub-strands

A/B Grade in Year 10 Mathematics

Further Study

Chemistry – ATAR – Year 12

Course Code ATCHE

Human Biology - General

Course Units GEHBY
Non-University Pathway

Estimated Cost **\$50.00**

Course Outline

The Human Biology General course gives students a chance to explore how the human body works. Students focus on bones, muscles, nerves and hormones, and how they maintain the body to act in a coordinated manner. The causes and spread of disease and how humans respond to invading pathogens are studied, as well as the role of males and females in the process of reproduction.

Students investigate the body systems through real or virtual dissections and practical examination of cells, organs and systems. They research contemporary treatments for dysfunctions of the body systems and are encouraged to use ICT to interpret and communicate their findings in a variety of ways. Second-hand data is used to investigate transmission of diseases from a historical perspective and recent global incidences.

The Year 11 syllabus is divided into two units:

Unit 1 – Healthy body: exploration of how the human body systems are interrelated to maintain a healthy body. The respiratory, circulatory, digestive and urinary systems are investigated. The lifestyle choices we make can have consequences for the optimal functioning of these systems.

Unit 2 – Reproduction: explores the role of males and females in the process of reproduction, including contraception and the issues of sexually transmitted infections.

Minimum Entrance Requirements

None

Further Study

Human Biology – General – Year 12
Course Code GTHBY

Human Biology - ATAR

Course Units AEHBY
University Pathway

Estimated Cost **\$50.00**

Course Outline

Human biology covers a wide range of ideas relating to the functioning human. Students learn about themselves, relating structure to function and how integrated regulation allows individuals to survive in a changing environment. They research new discoveries that are increasing our understanding of the causes of dysfunction, which can lead to new treatments and preventative measures. Reproduction is studied to understand the sources of variation that make each of us unique individuals.

Students learn to evaluate risks and benefits to make informed decisions about lifestyle and health topics, such as diet, alternative medical treatments, use of chemical substances and the manipulation of fertility.

The Year 11 syllabus is divided into two units:

Unit 1 – The functioning human body: students analyse how the structure and function of body systems, and the interrelationships between these systems, support metabolism and body functioning.

Unit 2 – Reproduction and inheritance: students study the reproductive systems of males and females, the mechanisms of transmission of genetic material from generation to generation, and the effects of the environment on gene expression.

Minimum Entrance Requirements

B Grade in Year 10 Science

A student who attains a high C Grade in Year 10 may be allowed to study this course, however the expectation is that s/he will put in additional effort and access additional support (such as tutoring outside of the College) in order to succeed.

Further Study

Human Biology – ATAR – Year 12
Course Code ATHBY

Integrated Science - General

Course Units GEISC
Non-University Pathway

Estimated Cost **\$79.00**

Course Outline

This General course enables students to investigate science issues in the context of the world around them. It encourages students to develop their scientific skills of observation, collection and analysis of evidence, in a range of contexts. The multidisciplinary approach, including aspects of biology, chemistry, geology and physics, further encourages students to be curious about the world around them and assume a balanced view of the benefits and challenges presented by science and technology. Students conduct practical investigations that encourage them to apply what they have learnt in class to real-world situations and systems.

The Year 11 syllabus is divided into two units:

Unit 1

The emphasis of this unit is on biological and Earth systems, focusing on the following topics:

- interrelationships between Earth systems
- structure and function of biological systems
- ecosystems and sustainability
- species continuity and change.

Unit 2

The emphasis of this unit is on physical and chemical systems, focusing on the following topics:

- atomic structure
- chemical reactions
- mixtures and solutions
- motion and forces
- energy.

Minimum Entrance Requirements

None

Further Study

Integrated Science – General – Year 12
Course Code GTISC

Integrated Science - ATAR

Course Units AEISC
University Pathway

Estimated Cost **\$79.00**

Course Outline

The Integrated Science ATAR course enables students to investigate science issues in the context of the world around them. It incorporates aspects of biology, chemistry, geology and physics. Integrated Science encourages students to be questioning, reflective and critical thinkers about scientific issues. Students apply their scientific knowledge in areas such as vehicle safety and driving, personal lifestyle choices, and environmental issues associated with biodiversity and conservation. Students develop a range of practical skills and techniques through investigations and fieldwork in context, and use scientific evidence to make informed decisions about scientific issues.

The Year 11 syllabus is divided into two units:

Unit 1 – Driver safety and hearing

Through an integrated, scientific approach, this unit explores two major issues for today's society: safety on the roads, and the effects of listening to loud sounds.

Unit 2 – Biodiversity and conservation

The focus of this unit is on the effects that human activities have on biodiversity, and methods of conservation.

Minimum Entrance Requirements

B Grade in Year 10 Science

A student who attains a high C Grade in Year 10 may be allowed to study this course, however the expectation is that s/he will put in additional effort and access additional support (such as tutoring outside of the College) in order to succeed.

Further Study

Integrated Science – ATAR – Year 12
Course Code ATISC

Physics - ATAR

Course Units AEPHY
University Pathway

Estimated Cost **\$50.00**

Course Outline

In the Physics ATAR course students will learn how energy transformations can shape the environment from the small scale, in quantum leaps inside an atom's electron cloud, through the human scale, in vehicles and the human body, to the large scale, in interactions between galaxies. Students have opportunities to develop their investigative skills and use analytical thinking to explain and predict physical phenomena.

Students plan and conduct investigations to answer a range of questions, collect and interpret data and observations, and communicate their findings in an appropriate format. Problem-solving and using evidence to make and justify conclusions are transferable skills that are developed in this course.

The Year 11 syllabus is divided into two units:

Unit 1 – Thermal, nuclear and electrical physics: Students investigate energy production by considering heating processes, radioactivity and nuclear reactions, and investigate energy transfer and transformation in electrical circuits.

Unit 2 – Linear motion and waves: Students describe, explain and predict linear motion, and investigate the application of wave models to sound phenomena.

Minimum Entrance Requirements

B Grade in Year 10 Science – Physical and/or Physical science sub-strands
A/B Grade in Year 10 Mathematics

Further Study

Physics – ATAR – Year 12
Course Code ATPHY

Psychology - ATAR

Course Units AEPSY
University Pathway

Estimated Cost **\$50.00**

Course Outline

In the Psychology ATAR course students will be introduced to psychological knowledge which supports an understanding of the way individuals function in groups. Students learn about major psychological models and theories, and the methods used to conduct scientific investigations in the discipline of psychology. Students apply research methods and ethical principles as they analyse data to illustrate how empirical procedures are used to examine phenomena, such as memory, attention, attitudes, personality and group behaviour.

The Year 11 syllabus is divided into two units:

Unit 1 - focuses on understanding how and why people behave the way they do. Students learn about the human brain and explore the impact of external factors on behaviour. Students examine different types of relationships and the role of verbal and non-verbal communication in initiating, maintaining and regulating these. Students are introduced to ethics in psychological research and carry out investigations.

Unit 2 - focuses on developmental psychology. Students analyse twin and adoption studies to gain insight into the nature/nurture debate and look at the role of play in assisting development. Students explore what is meant by the term personality and examine historical perspectives used to explain personality. They also explore behaviour and causes of prejudice.

Minimum Entrance Requirements

B Grade in Year 10 Science.

Further Study

Psychology – ATAR – Year 12
Course Code ATPSY

Economics – ATAR

Course AEEO
University Pathway

Estimated Cost **\$50.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Economics investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources.

Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels.

The Year 11 Economics course is designed to suit the needs of students considering tertiary study and is relevant to careers in a wide range of industries.

Skills Outline

This outcomes based course enables students to develop a variety of skills relating to economic behaviour and reasoning, including the ability to:

- Undertake economic research
- Analyse economic information
- Communicate and evaluate information
- Think creatively and critically

Minimum Entrance Requirements

B Grade in Year 10 Humanities and Social Sciences.
A student who attains a high C Grade in Year 10 may be allowed to study this course, however the expectation is that s/he will put in additional effort and access additional support (such as tutoring outside of the College) in order to succeed.

Further Study

Year 12 - Economics – ATAR
Course Code ATECO

Politics and Law-ATAR – Year 11

Course Units AEPAL
University Pathway

Estimated Cost **\$50.00**

Course Outline

The Politics and Law ATAR Course is a critical study of the processes of decision-making concerning society's collective future. Students will study the structures and processes of Australia's political and legal system, as well as various case studies of the systems of other countries, including Great Britain, the United States of America and Canada.

Through their studies, students will gain an understanding of the close relationship that exists between politics and law, as well as the role that the community plays in shaping the actions of our elected and appointed representatives. This Course is designed to provide students with the skills to positively contribute and make informed decisions when it comes to their interactions with the Australian political and legal system.

Unit 1: Democracy and the rule of law

Students will examine the principles of liberal democracy, its use in the Australian context and differentiate with a non-democratic system. Students will also gain an understanding of Australia's common law legal system and examine a non-common law system, such as France and Germany.

Unit 2: Representation and justice

The focus of Unit 2 is the Australian electoral and voting systems, including a comparison with the United States of America. Students will then go on to analyse the criminal and civil law processes of Western Australia and the numerous Alternative Dispute Resolution processes that are available.

Minimum Entrance Requirements

C Grade in Year 10 Humanities and Social Sciences.

Further Study

Year 12 - Politics and Law – ATAR – Year 12
Course Code ATPAL

Geography – General

Course Units GEGEO
Non-University Pathway

Estimated Cost **\$79.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Geography General Units 1 and 2 are designed to suit the needs of students considering the work force or TAFE at the end of Year 12. These units focus on environments at risk and tourism aspects of particular regions.

The themes are explored in Unit 1 through the context of Western Australia's coastal and marine environment. Unit 2 focuses on regions, with the context of Perth. Students will explore the development of the city and the tourism aspects that attracts travellers to the region every year.

The study of these units helps to develop students' investigation, communication and technology skills in order to come to a balanced judgement on the impacts humans have on the environment.

Skills Outline

This course aims to enable students to develop a variety of skills related to the formulation, investigation and presentation of geographical information, including the ability to:

- Think critically
- Conduct research and evaluate information
- Debate geographical issues
- Form conclusions and
- Collect and collate data

Minimum Entrance Requirements

None.

Further Study

Year 12 - Geography – General
Course unit GTGEO

Geography – ATAR

Course Units AEGEO
University Pathway

Estimated Cost **\$79.00**

See Additional Cost Item Information Sheet for additional costs

Course Outline

Geography ATAR Units 1 and 2 are designed to suit the needs of students considering tertiary study at the end of Year 12. These units focus on natural hazards and impact minimisation as well as the sustainable development of globalisation. In Unit 1, the focus will be explored through the contexts of geomorphic natural hazards (earthquakes and tsunamis) and ecological hazards (infectious diseases such as Ebola). Students will investigate the impacts that these hazards have on the natural and cultural environment and the policies being put in place to minimise the risk of these hazards in the future. The theme of Unit 2 is that of global networks and interconnections and how a product or good (McDonald's) and an element of culture (Pop music) have globalised and spread around the world and the impacts of this. Units 1 and 2 require students to participate in fieldwork activities involving conducting surveys, fieldwork to McDonald's and interviews with experts in their field.

The study of these units helps to develop students' investigation, communication and analytical skills, in order to come to a balanced judgement and/or solution to complex issues that face the global human population.

Skills Outline

This Course aims to enable students to develop a variety of skills related to the formulation, investigation and presentation of geographical information, including the ability to:

- Think critically
- Conduct research and evaluate information
- Debate geographical issues
- analyse data
- Form conclusions and
- Collect and collate data

Minimum Entrance Requirements

C Grade in Year 10 Humanities and Social Sciences.

Further Study

Year 12 - Geography-ATAR
Course Code ATGEO

Ancient History – General

Course Unit GEHIA
Non -University Pathway

Estimated Cost: \$79.00

Course Outline

Ancient civilisations and cultures Unit 1 and Power in the ancient world Unit 2 are designed for students who have an interest in Ancient History. These units enable students to investigate life in early civilisations and learn that in ancient societies, key individuals have acted as agents for change.

Unit 1 will focus on Troy, Ancient Greece and the Ancient Celts, with Unit 2 concentrating on the Ancient Leaders of Hatshepsut, Xerxes and Alexander The Great. The Ancient History General course allows students to gain insights into their own society and its values through the study of societies and cultures of the more distant past.

Skills Outline

This course aims to enable students to develop a variety of skills related to the formulation, investigation and presentation of historical information, including the ability to:

- Think critically
- Conduct research and evaluate information
- Communicate and present an argument
- Evaluate and interpret evidence

Minimum Entry Requirement:

None

Further Study:

Year 12 - Modern History – General
Course Code GTHIM

Modern History – ATAR-Year 11

Course Unit AEHIM
University Pathway

Estimated Cost: \$79.00

Course Outline

Understanding the Modern World, Unit 1, and Movements for change in the 20th century, Unit 2, are designed to suit the needs of students considering tertiary study at the end of Year 12. In Unit 1, students will examine one development or turning point that has helped to define the modern world.

The focus for this unit will be The French Revolution 1774 - 1799 that looks at aspects as far reaching as the fall of autocracy and the rise of liberty, fraternity and equality. In Unit 2, the key context is a historical movement. Students will be concentrating on Nazism in Germany and the rise and fall of Adolf Hitler. Through their studies, students explore the nature of sources for the study of modern history and build their skills in historical method through inquiry.

Skills Outline

This course aims to enable students to develop a variety of skills related to the formulation, investigation and presentation of historical information, including the ability to:

- Think critically
- Conduct research and evaluate information
- Communicate and present an argument
- Evaluate and interpret evidence

Minimum Entry Requirement:

C Grade in Year 10 Humanities and Social Sciences.

Further Study:

Year 12 - Modern History – ATAR
Course Code ATHIM

**Neither List A or List B for the purposes of Y11/12 course combination selections
(VET or GENVET at Mindarie Senior College)**

ACF - GENVET	Accounting and Finance	ADWPL	Workplace Learning
CFC - GENVET	Children, Family & the Community	CUF201 - VET	Multimedia – VET - CUF20107 Certificate II Creative Industries (Media)
CUV3011 - VET	Visual Arts – VET - CUV30111 Certificate III in Visual Arts	GECS - GENVET	Computer Science
MUS - GENVET	Music	PES - GENVET	Physical Education Studies

Appendix A: Mindarie SC List A and List B courses for breadth of study

To meet the breadth and depth requirement for secondary graduation (WACE), students must study at least one List A and at least one List B course in Year 11 and 12.

List A (arts/languages/social sciences)		List B (mathematics/science/technology)	
HIA	Ancient History	ACF	Accounting and Finance - ATAR
BME	Business, Management and Enterprise	BIO	Biology
DAN	Dance	CHE	Chemistry
DRA	Drama	DES	Design – Technical Graphics, Photography
ECO	Economics	CSC	Computer Science - ATAR
ENG	English	FST	Food Science & Technology
LIT	Literature	HBY	Human Biology
GEO	Geography	ISC	Integrated Science
HEA	Health Studies	Various codes	Mathematics (MAT,MAS,MAE,MAA)
MPA	Media Production & Analysis	OED	Outdoor Education
HIM	Modern History	PES	Physical Education Studies - ATAR
PAL	Politics And Law	PHY	Physics
VAR	Visual Arts	PSY	Psychology
		MDT	Materials Design And Technology Wood or Textiles

Appendix B: ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES in 2018

The following information refers to the costs charged to attend additional activities for the Year 11 and 12 education programs. Students are expected to attend and participate in the activities for their courses. These additional costs are not covered in the Course Charges.

The charges listed below are an estimation of the maximum parents will be required to pay for learning area activities and other general items during 2018. The teaching staff will aim to keep costs as low as possible.

Please note that unforeseen opportunities to enhance your child's learning and understanding do occur each year. Students may be offered such opportunities for voluntary participation with consequent additional costs.

The extra cost activities have been approved by the College Board and are as follows:

Course	Activity	Charge
ARTS		
Visual Art Year 11 ATAR:	Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year)	up to \$ 30.00
Visual Art Year 12 ATAR:	Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year) Incursion - Skills workshop (one per year)	up to \$ 20.00 up to \$ 20.00
Certificate III Visual Art & Contemporary Craft:	Excursion – (one per year)	up to \$ 30.00
Drama ATAR and General:	Excursion – (up to three per year)	each up to \$ 30.00
Music General and Cert II:	Excursion – (one per year)	up to \$ 30.00
Media Production and Analysis General and ATAR:	Excursion – (one per year)	up to \$ 35.00
Dance General and ATAR	Excursion - (one per year) Costumes as required (per unit)	up to \$ 35.00 up to \$ 30.00
	A select group of students across the ARTS learning area may attend a specialist ARTS Camp	up to \$160.00
Careers		
Year 11	University Information Day excursion	up to \$ 15.00
Physical Education		
Year 11 General Outdoor Education:	Semester 1 Camp Semester 2 Camp	up to \$ 50.00 up to \$100.00
Year 12 General Outdoor Education:	Semester 1 Camp Semester 2 Camp	up to \$ 60.00 up to \$120.00

Appendix B (cont): ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES IN 2018

Course	Activity	Charge
Humanities		
Year 11		
Geography General:	Field Trip (two per year)	up to \$100.00
Geography ATAR:	Field Trip	up to \$ 40.00
Politics and Law ATAR:	Excursion	up to \$ 40.00
Year 12		
Geography General:	Field trip (one per year)	up to \$ 50.00
Geography ATAR:	Field trip / camp	up to \$200.00
Politics and Law ATAR:	Excursion	up to \$ 40.00
Maths/Science		
Human Biology:	Excursion (up to two per year)	each up to \$ 30.00
Chemistry:	Excursion (up to two per year)	each up to \$ 30.00
Integrated Science:	Excursion (up to two per year)	each up to \$ 30.00
Biology:	Excursion (up to two per year)	each up to \$ 35.00
Physics:	Excursion (up to two per year)	each up to \$ 35.00
		each up to \$ 30.00
Psychology:	Excursion (up to two per year)	
Technology & Enterprise		
Design and Technology: Wood	Students who undertake projects, which exceed their school charge allowance are expected to pay for extra materials	up to \$ 20.00
Year 11 & 12 Materials Design & Technology - Textiles:	Students who undertake projects for fabric design briefs which exceed their course charge allowance will be required to supply their own materials. 3 metres fabric	up to \$ 20.00
General		
Printing:	Students are expected to pay for excess printing above their allocation - 20 black & white A4 sided sheets	\$ 2.00
Year 11 Orientation Day:	Held in Term 1	approx \$ 30.00
Year 12 College Ball:	Held in Term 1	approx \$ 135.00
Year 12 Leavers Jackets:	To be ordered and paid for in Term 4 of Year 11 or Term 1 of Year 12	approx \$ 92.00
Year 12 Leavers Breakfast:	Held in Term 4	approx \$ 20.00
Year 12 Presentation Evening:	Held in Term 4	approx \$ 25.00

Appendix C - Online Course Selection Preparation Template

Online Course Selection Preparation Template-Student Name:

Course selections can only be made online. This form is to assist students to prepare *prior* to entering his/her course selections online. Enrolled students and their parent/guardian will be notified of the process to enter the student's course selections online.

Number preferred courses (1 to 6) and your reserve course (7) in the light grey boxes () below.

All students must study an English course. It is recommended that students study a Maths course.

ATAR Pathway (University) Students: *Select at least 5 University Pathway courses.*

General Pathway Students must select *at least one (maximum of two) VET or GENVET courses.*

Preference	General/VET/GENVET Pathway	ATAR (University) Pathway
English		
	Foundation English	
	English General	
		English - ATAR
		Literature - ATAR
Arts		
	Dance General	
		Dance ATAR
	Drama General	
		Drama ATAR
	Media Production & Analysis General	
		Media Production & Analysis ATAR
	Multimedia-Cert II in Creative Industries (Media)	
	Music GENVET	
	Photography – Design	
	Cert III in Visual Arts	
		Visual Arts ATAR
Technology and Enterprise		
	Accounting & Finance GENVET	
		Accounting & Finance ATAR
	Business, Management and Enterprise General	
	Caring for Others (Infant/Child focus)	
	Caring for Others (Living Independently Focus) GENVET	
	Technical Graphics - Design General	
	Computer Science GENVET	
		Computer Science - ATAR
	Food Science & Technology – General	
		Food Science & Technology – ATAR
	Textiles - MDT General	
	Wood– MDT General	

Preference	General/VET/GENVET Pathway	ATAR (University) Pathway
Mathematics		
	Foundation Maths	
	Maths: Essentials General	
		Maths: Applications ATAR
		Maths: Methods ATAR
		Maths Specialist ATAR
Science		
	Integrated Science General	
	Human Biology General	
		Biology ATAR
		Chemistry ATAR
		Human Biology ATAR
		Integrated Science ATAR
		Physics ATAR
		Psychology ATAR
Humanities and Social Sciences		
	Ancient History General	
	Geography General	
		Economics ATAR
		Geography ATAR
		Modern History ATAR
		Politics and Law ATAR
Health and Physical Education		
	Health Studies General	
		Health Studies ATAR
	Outdoor Education General	
	Physical Education Studies GENVET	
		Physical Education Studies ATAR
Workplace Learning		
	Workplace Learning	