



2021 - YEAR 11

CURRICULUM HANDBOOK



MINDARIE
SENIOR COLLEGE
WHERE YOUR FUTURE BEGINS

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.....	9
Languages Other Than English.....	9
Course Enrolment Policy.....	9
Achievement of WACE	10
University Entrance Requirements	11
TAFE Entrance Requirements	12

Course Index

English

English	13
Literature	14

Arts

Dance	15
Drama	16
Media Production and Analysis	17
CUA20215 - Certificate II in Creative Industries (Media)	18
Visual Art.....	19
Design - Photography.....	20
Music.....	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)	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
CUA20215 - Certificate II Creative Industries (Media)	18
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.....	20
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

Note:

Due to resource constraints, it may not be possible to timetable courses if they are chosen by a very small number of students.

All course costs are given as a guide only. These are based on the 2020 pricing structures and are subject to change in 2021.

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 is used to help students select appropriate courses and consists of a number of stages,

Students will be notified when the Year 11 2021 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 of enrolled students will be invited to attend an Information Evening at the College prior to the opening of the Subject Selections Online (SSO).

Online Course Selection

Enrolled 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 *2021 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, which is done online as part of the SSO process.

Both student 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 student numbers, they will be contacted regarding selecting an alternative choice.

College Charges

Course Charges & Extra Cost Options

On application it is requested that a confirmation fee of \$200 be paid to the College at the time of enrolment. All **Year 11 and 12 courses attract compulsory charges** and the estimated cost for each course is included in this handbook. Please note these costs are based on 2020 prices and are subject to change in 2021.

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 2020, the parent or guardian will receive an information package which will include the updated additional cost charges, resource list and a statement of the course charges and voluntary contributions. It is expected that payment is finalised by the end of Term 1, 2021.

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 Health Care Concession 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 in Term 1 of each year.

Ensuring Your Success

If the courses the student selects have textbooks and other resources on the resource list, it is a requirement that these be purchased. Without textbooks and relevant resources 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 put in the time and 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 prepared to give out of College hours. Students studying ATAR 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 ATAR 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 study component.

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. 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. The Colleges' mode of delivery is 'face to face', therefore, students cannot stay at home to complete their courses.

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 School Curriculum and Standards Authority (SCSA) requirement.

Types of Programs of Study Offered

In Year 11, two types of programs are offered:

- **ATAR Pathway Program**
- **General Pathway Program**

Students study six (6) courses in Year 11 and six (6) courses in Year 12. Students should choose courses that they will continue to study for the two years. Once a student has commenced their program of study, course changes are strongly 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.

To minimise disruption to a students study program and give them their best opportunity to be successful the following deadlines will be adhered to:

CHANGE	DEADLINE
ATAR—ATAR	End of Week 7, Term 1 (post interim reports)
ATAR—General	End of Semester 1
General—ATAR	End of Week 5 Term 1
General—General	Exceptional circumstances only

All of the courses described above are governed by the syllabuses and assessment structures of the School 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 School Curriculum and Standards Authority when the student has finished secondary school, and are based on assessments carried out by College staff throughout the year.

ATAR Pathway Courses (Direct entry to 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

Mathematics Applications **with** Mathematics Methods

Mathematics Applications **with** Mathematics Specialist

General Pathway Courses

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 but will contribute to alternate entry to university. 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).
- **Design—Photography with Technical Graphics.**

You cannot use both the General and ATAR course towards WACE.

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. TAFE/Registered Training Organisations) 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, contact individual universities directly.

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 or at www.mindarie.wa.edu.au/courses
- 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, commitment 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 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

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.

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 four courses. A C grade equivalent is achieved in VET courses by the achievement of all units of competence.

Students studying an ATAR pathway need to achieve a minimum predicted ATAR of 65 by the end of Year 11.

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

Secondary Graduation

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 Mindarie Senior College 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 visit the website: www.tisc.edu.au

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.

Curtin University

www.curtin.edu.au

Future Student Engagement Team

Phone: (08) 9266 4590

Email: undergrad@curtin.edu.au

Murdoch University

www.murdoch.edu.au

Future Students Team

Phone: 1300 687 3624

Email: study@murdoch.edu.au

The University of Notre Dame (Private)

www.nd.edu.au

Prospective Students Office

Phone: (08) 9433 0533

Email: future@nd.edu.au

Edith Cowan University

www.ecu.edu.au

Future Students Team

Phone: (08) 6304 6304

Email: admissions@ecu.edu.au

The University of Western Australia

www.uwa.edu.au

Future Students Centre

Phone: 131 892

Email: future_students@uwa.edu.au

CQ University

www.cqu.edu.au/wa

Phone: 13 27 86

Email: contacts.cqu.edu.au

TAFE

Entrance Requirements

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

Jobs and Skills WA

Phone: 13 64 64

www.jobsandskills.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.	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. 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 Code FEENG

Estimated Course Cost

\$79.00

Based on previous years pricing
Subject to change

This course **must** be taken by students whose literacy level was judged to be Category 1, in either reading or writing, in their most recent OLN (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.

Minimum Entrance Requirements

None

Further Study

Year 12 - English Foundation

Course Code FTENG

or if the minimum literacy standard is met through OLN during Year 11:

English General

Course Code GTENG

English General

Course Code GEENG

Estimated Course Cost

\$79.00

Based on previous years pricing
Subject to change

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 Code AEENG

Estimated Course Cost

\$79.00

Based on previous years pricing
Subject to change

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 Code AELIT

Estimated Course Cost

\$79.00

Based on previous years pricing
Subject to change

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 Code GEDAN

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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/televisions
- 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 Code AEDAN

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

Course Outline

Semester 1 – A1DAN

Popular culture

Students are introduced to:

- Dance language
- How dance can convey a message
- Safe dance, Physical skills & Choreographic tool
- 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

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. Students technical abilities and suitability for the course will be assessed after one week of technique.

Further Study

Year 12 - Dance ATAR

Course Code ATDAN

Drama General

Course Code GEDRA

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

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, although Year 10 Drama units would be an advantage.

Further Study

Year 12 - Drama General

Course Code GTDRA

TAFE courses in Arts and Entertainment

Drama ATAR

Course Code AEDRA

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

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

Achievement of a B grade in Year 10 English is desirable. Year 10 Drama units would be an advantage.

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 Code GEMPA

Estimated Course Cost **\$150.00**

Based on previous years pricing

Subject to change

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 Code AEMPA

Estimated Course Cost **\$150.00**

Based on previous years pricing

Subject to change

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

CUA20215 - Certificate II Creative Industries (Media)

This is a proposed offering for the 2021 academic year. At the time of publication, no agreements have been entered into with a Registered Training Organisation for the delivery of this qualification. On the basis of interest from students in this qualification, the College will initiate a formal partnership agreement with a RTO for the delivery of the qualification.

Estimated Course Cost

\$150.00

Based on previous years pricing, final cost to be confirmed
See Additional Cost Item Sheet for additional costs.

Course Outline

This **two year course** will suit students with an interest in the media industry.

With a strong career focus, students develop media production skills by working in specialised roles to produce media projects such as short action films, commercials, live studio productions, and documentaries. To ensure students are immersed in the media industry, the program includes incursions with professionals, such as editors, camera operators, content producers, and fight directors.

The College is equipped with a High Definition Television Studio that is regarded as one of the finest within the state public education system. In addition, students have access to a 1:1 editing laboratory equipped with the Adobe Creative Cloud applications. Students are provided with a subscription to Adobe Creative cloud to enable work at home on their own device.

The course is project based where students develop and demonstrate key competencies. All competencies must be achieved to be awarded the Certificate and the end of the second year. This includes completing a project portfolio, and knowledge worksheets for each competency.

Units of Competency:

- BSBWOR203 Work effectively with others
- CUAIN201 Develop and apply creative arts industry knowledge
- CUAWHS302 Apply work health and safety practices
- BSBWOR202 Organise and complete daily work activities
- CUASOU201 Develop basic audio skills and knowledge
- CUASOU203 Assist with sound recordings
- BSBDES201 Follow a design process
- CUAPOS201 Perform basic vision and sound editing
- CUACAM201 Assist in a basic camera shoot
- ICTICT204 Operate a digital media technology package

Minimum Entrance Requirements

An interest in Media Industry. Completed units in computing/media in Years 8, 9, 10 or 11.

Further Study

North Metropolitan TAFE
Certificate III in Screen and Media
Diploma of Screen and Media (Film & Television)
Diploma of Screen and Media (Mass Communication)
Advanced Diploma of Screen and Media (Digital Cinema)
Advanced Diploma of Screen and Media (Broadcast Television)

Visual Arts General

Course Code GEVAR

Estimated Course Cost

\$150.00

Based on previous years pricing
Subject to change

See Additional Cost Item Information Sheet for additional costs.

Course Outline

The General Visual Arts course encourages students to engage in traditional, modern and contemporary art forms. Students will have the opportunities to express their imagination, develop personal imagery, develop skills and engage in the making and presentation of final artworks. Students will produce ideas for their work based upon drawings, research and investigation of artists and art movements. All work produced in the course will be presented in a journal for assessment.

The course is divided into two units, each of one semester duration.

Unit 1 – Experiences

The focus for Unit 1 is experiences. Students base art making and interpretation on their lives and personal experiences, observations of the immediate environment, events and/or special occasions.

Unit 2 – Explorations

The focus for Unit 2 is explorations. Students explore ways to generate and develop ideas using a variety of stimulus materials and explorations from their local environment in their art making and interpretation.

In each unit the course content is divided into two content areas:

- Art Making—Production
- Art Interpretation—Written

Minimum Entrance Requirements

None, though Year 10 Visual Arts Units are desirable.

Further Study

Year 12 – Visual Arts General

Course code GTVAR

TAFE courses in Visual Arts and Design.

Visual Arts ATAR

Course Code AEVAR

Estimated Course Cost

\$140.00

Based on previous years pricing
Subject to change

See Additional Cost Item Information Sheet for additional costs.

Course Outline

The Visual arts ATAR course encompasses the practice and theory of the broad areas of art. Students have opportunities to express their imagination, develop art making skills, build on existing analytical skills and engage in the making and presentation of artwork.

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

The course is divided into two units, each of one semester duration.

Unit 1 – Differences

The focus of this unit is differences. Students consider differences arising from cultural diversity, place, gender, class and historical period in their art making and interpretation.

Unit 2 – Identities

The focus of this unit is identities. Students explore concepts or issues related to personal, social, cultural or gender identity in their art making and interpretation.

In each unit the course content is divided into the following content areas:

- Art making – Production
- Art interpretation – Written
- Semester Exams

Minimum Entrance Requirements

B Grade in Year 10 Visual Arts Course.

Further Study

Year 12 – Visual Arts ATAR

Course code ATVAR

ATAR / TAFE courses in Visual Arts and Design

Design (Photography) General

Course Code GEDESP

Estimated Course Cost

\$150.00

Based on previous years pricing
Subject to change

Course Outline

The Design (Photography) course engages students in intensive design processes, within a photographic context. Students will learn to investigate solutions to design problems, considering the needs of clients and their prospective audiences. Students are required to document their development of design solutions in an assessed portfolio.

With access to digital SLR cameras, lighting equipment and the full Adobe Creative Suite, students have the opportunity to develop their photographic, editing and presentation skills to a professional level.

Unit 1 – Design Fundamentals

The focus of this unit is to introduce the students to the design process, while learning the fundamentals of exposure, image composition and publishing layout. Students will explore their interests in photographic technique while creating a magazine cover using Adobe Lightroom and Photoshop.

Unit 2 – Personal Design

The focus of this unit is portrait design where students apply their design skills to photographing human subjects. Students investigate the work of master portrait photographers then apply their knowledge practically to create a profile portrait. During this unit students will gain experience working with flashes and reflectors to create high quality portraits.

Minimum Entrance Requirements

Experience in photography would be advantageous.

Further Study

Year 12 – Design (Photography) General Units 3 and 4
Course Code GTDESP

Music General

Course Code GEMUS

Estimated Course Cost

\$150.00

Based on previous years pricing
Subject to change
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 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

Certificate II in Music Industry
Course Code CUA20615

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)	FNS20115 - Certificate II in Financial Services (VET)	TAFE
	Business, Management and Enterprise General (GEBME)	Business, Management and Enterprise General (GTBME)	TAFE
	Computer Science General (GECSC)	Computer Science General (GTCSC)	TAFE
	**Children, Family and the Community: Infant/Child focus General (GECFCC)	CHC22015 - Certificate II in Community Services VET	TAFE
	**Children, Family and the Community: Independent Living General (GECFCL)	CHC22015 - Certificate II in Community Services VET	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

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

Accounting and Finance General

Course Code GEACF

Estimated Cost

\$50.00

Based on previous years pricing
Subject to change

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 – Certificate II in Financial Services
Course Code FNS20115

Accounting and Finance ATAR

Course Code AEACF

Estimated Cost

\$50.00

Based on previous years pricing
Subject to change

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

Further Study

Year 12 – Accounting & Finance ATAR
Course Code ATACF

Business, Management and Enterprise General

Course Code GEBME

Estimated Course Cost

Based on previous years pricing
Subject to change

\$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 – Business Management and Enterprise General
Course Code GTBME

Design Technical Graphics General

Course Code GEDEST

Estimated Course Cost

\$52.00

Based on previous years pricing
Subject to change

Course Outline

This course is for students who like to design for real life scenarios. Architecture and associated building trades, 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 create high 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. Students also learn about Interior design, Building design and construction and Engineering design.

The course caters to a range of abilities and interests and has no prerequisites, however good computer literacy is an advantage. It is a recommended Course for students taking MDT Wood.

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 General

Course Code GECSC

Estimated Course Cost

\$70.00

Based on previous years pricing
Subject to change

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:

- The role of hardware inside a computer
- Parts required to build a computer
- Preventative maintenance techniques
- Learning Database and Spreadsheet software packages.
- Simple programming with GameMaker
- Python programming
- Configuring a basic network for home

Minimum Entrance Requirements

None

Further Study

Year 12 - Computer Science General
Course Code GTCSC

Computer Science ATAR

Course Code AECSC

Estimated Course Cost

\$70.00

Based on previous years pricing
Subject to change

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 Mathematics

Further Study

Year 12 - Computer Science ATAR
Course Code ATCSC

Wood - Material Design and Technology General

Course Code GEMDTW

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

Course Outline

The Woodwork Course offers students a unique opportunity to develop Process and communication skills appropriate to the Woodwork context.

Students develop woodworking skills and understanding through both directed project work, and developing their own designs. In addition to handskills and machine operations students, will learn about product design and personal project management.

Throughout this process, students are encouraged to develop their own designs by researching existing products, working out the processes required to make their design and selecting the appropriate material for the project. They will develop CAD 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 Trebuchet, folding beach seat and a lathe project.

It is recommended (although not required) that students enrolling in this course also select Design Technical Graphics to complement their studies.

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 Code GEMDTT

Estimated Course Cost

\$100.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs. Students are expected to supply fabric and notions for a personal garment project as a major task.

Course Outline

The Materials Design course is all about designing and making fashion garments. Students who are creative and enjoy art and sewing are encouraged to undertake the Course. Students will design and make clothing garments and accessories. By studying the Fashion and Design course, you will learn design and dressmaking skills as well as fashion illustration techniques that will give you an excellent grounding to pursue a career in the exciting world of fashion.

The Materials Design and Technology course (in the context of TEXTILES) aims to provide students with an understanding of the design process used to produce garments. Students will learn about the fundamentals of design and how to apply these when creating a new textiles garment. Students will experiment with fabric embellishment techniques, such as beading, screen printing, dying, hand stitching and embroidery.

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

Possible career opportunities include:

- fashion buyer/stylist
- fashion designer
- pattern maker
- production machinist
- textile designer

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 General

Course Code GECFCC

Estimated Course Cost

\$92.00

Based on previous years pricing
Subject to change

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 - 5 Year 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 – Certificate II in Community Services
Course Code CHC22015

Children, Family and Community: Living Independently General

Course Code GECFCL

Estimated Course Cost

\$92.00

Based on previous years pricing
Subject to change

Course Outline

This course focuses on understanding Adolescents in our ever changing world. The course assists you in learning basic life skills that can enhance all facets of adolescent development. In addition this course explores the risk factors for adolescents in contemporary society and looks at community supports available during this time.

The nature of Australia families is focused on and particular emphasis placed on the transition of adolescents from their families to empowered, sustainable community members.

The theoretical content in this course is balanced with practical applications, which include food preparation, advocacy and skills with textiles.

Topics covered include:

- Contemporary Australian Families
- Growth & development of Adolescents
- Laws on our roads (Students have the opportunity to participate in the Keys to Life Program if they wish)
- Contemporary issues affecting Australian Teens (Body Image, relationships, drugs, alcohol, family breakdown etc.)
- Moving out sustainably.

Minimum Entrance Requirements

None

Further Study

Year 12 – Certificate II in Community Services
Course Code CHC22015

Food Science and Technology General

Course Code GEFST

Estimated Course Cost

\$125.00

Based on previous years pricing
Subject to change

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, either as a career in Hospitality or for a healthy future as an adult. They work with readily available foods to address individual requirements, eating habits and lifestyles. Students complete two hours of theory and two hours of practical per week, in accordance with SCSA requirements.

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

- 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
- Cooperatively work within groups and independently

Minimum Entrance Requirements

None

Further Study

Year 12 - Food Science & Technology General
Course Code GTFST

Food Science and Technology ATAR

Course Code AEFST

Estimated Course Cost

\$125.00

Based on previous years pricing
Subject to change

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

Further Study

Year 12 - Food Science & Technology ATAR
Course Code ATFST

Workplace Learning

Course Code ADWPL

Estimated Course Cost

\$107.00

Based on previous years pricing
Subject to change

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 2020 Mindarie Senior College Workplace Learning Policy, available from our website: <http://www.mindarie.wa.edu.au/courses/year-11/workplace-learning> (see WPL application)

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

External Vocational Education and Training (VET)

Complete details of **external** VET courses on offer in 2021 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>

VET Fee for service courses with an external Training Provider:

The full cost of these courses is to be met by the parent, with a 50% confirmation charge to be paid to the College prior to enrolment in the course. The balance of the course fee is to be paid prior to the course commencement date.

A range of VET opportunities are available to students and in many instances it is beneficial for VET students to also participate in Workplace Learning.

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 2020, the following external VET opportunities were available to MSC students. At this stage we have no confirmation that these courses will be offered in 2021.

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.

PLEASE NOTE entry into these courses is HIGHLY competitive and based on the Year 10 Semester 1 report.

As a guide only, in 2020 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)
- Makeup
- Tourism & Events
- Population Health
- Business (Legal or Medical)
- Data & Voice (Telecommunications)
- Electronics
- Cyber Security

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.

School-based apprenticeships and traineeships

A School-based traineeship is approximately an 18 month commitment and therefore needs to commence in Year 11. 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

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 Code GEHEA

Estimated Course Cost

\$91.00

Based on previous years pricing
Subject to change

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 Code AEHEA

Estimated Course Cost

\$91.00

Based on previous years pricing
Subject to change

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.

Further Study

Year 12 - Health Studies ATAR
Course Code ATHEA

Physical Education Studies General

Course Code GEPES

Estimated Course Cost

\$131.00

Based on previous years pricing
Subject to change

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
- AFL
- Handball
- Basketball
- Tennis
- Badminton
- Volleyball

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 coaching
Course Code SIS20319
- Year 12 - Physical Education Studies General
Course Code GPES

Physical Education Studies ATAR

Course Code AEPES

Estimated Course Cost

\$180.00

Based on previous years pricing
Subject to change

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. They will usually include Soccer and Netball.

Unit content:

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

Estimated Course Cost

\$130.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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 5 Mathematics course pathways at Mindarie Senior College.

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: FEMAT	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	
Mathematics Applications: AEMAA	C grade in Year 10 Mathematics.
Mathematics Methods: AEMAM	A grade in Year 10 Mathematics and considerable algebraic understanding and skills.
Mathematics Specialist: AEMAS	A grade in Year 10 Mathematics and considerable algebraic understanding and skills.

Mathematics Foundation

Course Code FEMAT

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 Course Cost \$79.00

Based on previous years pricing
Subject to change

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:

Year 12 - Mathematics Essentials General

Course Code GTMAE

Mathematics Essentials General

Course Code GEMAE

Estimated Course Cost \$79.00

Based on previous years pricing
Subject to change

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 Code AEMAA

Estimated Course Cost

\$50.00

Based on previous years pricing
Subject to change

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 Code AEMAM

Estimated Course Cost

\$50.00

Based on previous years pricing
Subject to change

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

Further Study

Year 12 - Mathematics Methods ATAR
Course Code ATMAM

Mathematics Specialist ATAR

Course Code AEMAS

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

Estimated Course Cost **\$50.00**

Based on previous years pricing

Subject to change

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 Code AEBLY

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Biology ATAR

Course Code ATBLY

Chemistry ATAR

Course Code AECHE

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 – Chemistry ATAR

Course Code ATCHE

Human Biology General

Course Code GEHBY

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Human Biology General

Course Code GTHBY

Human Biology ATAR

Course Code AEHBY

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Human Biology ATAR

Course Code ATHBY

Integrated Science General

Course Code GEISC

Estimated Course Cost

\$79.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Integrated Science General
Course Code GTISC

Integrated Science ATAR

Course Code AEISC

Estimated Course Cost

\$79.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Integrated Science ATAR
Course Code ATISC

Physics ATAR

Course Code AEPHY

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Physics ATAR

Course Code ATPHY

Psychology ATAR

Course Code AEPSY

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

Year 12 - Psychology ATAR

Course Code ATPSY

Economics ATAR

Course Code AEECO

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

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

Course Code AEPAL

Estimated Course Cost

\$50.00

Based on previous years pricing

Subject to change

See Additional Cost Item Information Sheet for additional costs.

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

B Grade in Year 10 Humanities and Social Sciences

Further Study

Year 12 - Politics and Law ATAR

Course Code ATPAL

Geography General

Course Code GEGEO

Estimated Course Cost

\$79.00

Based on previous years pricing

Subject to change

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 code GTGEO

Geography ATAR

Course Code AEGEO

Estimated Course Cost

\$79.00

Based on previous years pricing

Subject to change

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 TB). 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 Code GEHIA

Estimated Course Cost:

\$79.00

Based on previous years pricing
Subject to change

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

Course Code AEHIM

Estimated Course Cost:

\$79.00

Based on previous years pricing
Subject to change

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 to 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:

B 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

CUA20215 - VET	CUA20215 - Certificate II in Creative Industries (Media)	ADWPL	Workplace Learning
-------------------	--	-------	--------------------

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
BME	Business, Management and Enterprise	BIO	Biology
DAN	Dance	CHE	Chemistry
DRA	Drama	DES	Design – Technical Graphics, Photography
ECO	Economics	CSC	Computer Science
ENG	English	FST	Food Science & Technology
LIT	Literature	HBV	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
PAL	Politics And Law	PHY	Physics
VAR	Visual Arts	PSY	Psychology
MUS	Music	MDT	Materials Design And Technology Wood or Textiles
CFC	Children, Family and Community		

Appendix B: ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES in 2021

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 2021. **These costs are based on 2020 pricing and subject to change.** 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.	up to \$ 30.00
Visual Art Year 12 ATAR:	Excursion – (one per year) Students who undertake projects that exceed their allowance are expected to pay for extra materials.	
	Excursion – (one per year)	up to \$ 20.00
	Incursion - Skills workshop (one per year)	up to \$ 20.00
Visual Arts General	Incursion or 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 Creative Industries 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)	up to \$ 35.00
	Costumes as required (per unit)	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
VET Courses		
<i>Vocational Education and Training (VET) Fee for service courses with an external Training provider</i>	The full cost of a course is to be met by the parent, with a 50% confirmation deposit to be paid to the College upon acceptance into the course, and the remaining balance to be paid in full prior the commencement date.	up to \$ 3,500.00
Physical Education		
Year 11 General Outdoor Education:	Semester 1 Camp	up to \$ 50.00*
	Semester 2 Camp	up to \$ 60.00*
Year 12 General Outdoor Education:	Semester 1 Camp	up to \$ 80.00*
Disclaimer: Camp costs may change pending implementation of 2020 Duty of Care Policy	Semester 2 Camp	up to \$120.00

Appendix B (cont): ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES IN 2021

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
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
Psychology:	Excursion (up to two per year)	each up to \$ 30.00
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
Food Science ATAR Year 12	Excursion	up to \$ 25.00
General		
Printing:	Students are expected to pay for excess printing above their allocation - 20 black & white A4 single sided sheets	\$ 10.00
Year 11 Activities:	TBA	approx \$ 30.00
Year 12 College Ball:	TBA	approx \$ 140.00
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 \$ 5.00
Year 12 Year Book	TBA	approx \$ 20.00
Mastermind Exam Preparation Program		
Mindarie Senior College has a partnership with Mastermind Australia to provide high quality ATAR revision at a reasonable cost. Students received between 6 and 10 hours of tuition at a greatly reduced price. Each course can cost up to \$270, but the cost is reduced by the College subsidy and our partnership. ATAR students are encouraged to take up this offer of revision and exam preparation courses available during the School Holidays.		approx \$120.00 Per Course

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.*

Prefer-ences	General/VET Pathway	ATAR (University) Pathway	Prefer-ences	General/VET Pathway	ATAR (University) Pathway
English					
<input type="text"/>	Foundation English		<input type="text"/>	Foundation Maths	
<input type="text"/>	English General		<input type="text"/>	Maths: Essentials General	
<input type="text"/>		English ATAR	<input type="text"/>		Maths: Applications ATAR
<input type="text"/>		Literature ATAR	<input type="text"/>		Maths: Methods ATAR
<input type="text"/>			<input type="text"/>		Maths Specialist ATAR
Arts					
<input type="text"/>	Dance General				
<input type="text"/>		Dance ATAR			
<input type="text"/>	Drama General				
<input type="text"/>		Drama ATAR			
<input type="text"/>	Media Production & Analysis General				
<input type="text"/>		Media Production & Analysis ATAR			
<input type="text"/>	CUA20215 Certificate II Creative Industries				
<input type="text"/>	Music General				
<input type="text"/>	Photography – Design				
<input type="text"/>	Visual Arts General				
<input type="text"/>		Visual Art ATAR			
Technology and Enterprise					
<input type="text"/>	Accounting & Finance General				
<input type="text"/>		Accounting & Finance ATAR			
<input type="text"/>	Business, Management and Enterprise General				
<input type="text"/>	Caring for Others (Infant/ Child focus) General				
<input type="text"/>	Caring for Others (Living Independently) General				
<input type="text"/>	Technical Graphics Design General				
<input type="text"/>	Computer Science General				
<input type="text"/>		Computer Science ATAR			
<input type="text"/>	Food Science & Technology General				
<input type="text"/>		Food Science & Technology ATAR			
<input type="text"/>	Textiles MDT General				
<input type="text"/>	Wood MDT General				
Mathematics					
<input type="text"/>	Foundation Maths				
<input type="text"/>	Maths: Essentials General				
<input type="text"/>		Maths: Applications ATAR			
<input type="text"/>		Maths: Methods ATAR			
<input type="text"/>		Maths Specialist ATAR			
Science					
<input type="text"/>	Integrated Science General				
<input type="text"/>	Human Biology General				
<input type="text"/>		Biology ATAR			
<input type="text"/>		Chemistry ATAR			
<input type="text"/>		Human Biology ATAR			
<input type="text"/>		Integrated Science ATAR			
<input type="text"/>		Physics ATAR			
<input type="text"/>		Psychology ATAR			
Humanities and Social Sciences					
<input type="text"/>	Ancient History General				
<input type="text"/>	Geography General				
<input type="text"/>		Economics ATAR			
<input type="text"/>		Geography ATAR			
<input type="text"/>		Modern History ATAR			
<input type="text"/>		Politics and Law ATAR			
Health and Physical Education					
<input type="text"/>	Health Studies General				
<input type="text"/>		Health Studies ATAR			
<input type="text"/>	Outdoor Education General				
<input type="text"/>	Physical Education Studies General				
<input type="text"/>		Physical Education Studies ATAR			
Workplace Learning					
<input type="text"/>	Workplace Learning				

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