CURRICULUM INFORMATION HANDBOOK
YEAR 11 2016

BUILDING RELATIONSHIPS

MY OWN LEARNING

BEING A PRODUCTIVE AND VALUED CITIZEN
Contents

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

Course Index

English

English ................................................................................................................................... 14-15
Literature ................................................................................................................................. 15

Arts

Dance ..................................................................................................................................... 16
Drama ..................................................................................................................................... 17
Media Production and Analysis ............................................................................................ 18
Multimedia ............................................................................................................................... 19
Music ...................................................................................................................................... 19
Visual Arts ............................................................................................................................. 20
Technology & Enterprise
Pathways for Technology and Enterprise ....................................................... 21
  Accounting and Finance ............................................................................. 22
  Business, Management and Enterprise ....................................................... 23
  Computer Science ......................................................................................... 23-24
  Computer Assisted Design .......................................................................... 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: Independent Living ............................... 26
  Food Science and Technology ..................................................................... 27

Career & Vocational Education
  Workplace Learning ..................................................................................... 28
  Vocational Education and Training (VET) Opportunities ............................. 28-29

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

Mathematics
  Mathematics Pathways ................................................................................ 33
  Mathematics .................................................................................................. 34-36

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

Society & Environment
  Economics ...................................................................................................... 41
  Geography ...................................................................................................... 41-42
  Ancient History ............................................................................................. 42
  Modern History ............................................................................................. 43
  Politics and Law ............................................................................................. 43

Appendix A
  List A and List B courses for breadth of study .............................................. 44

Appendix B
  Additional Cost Item Information ............................................................... 45-46

Appendix C
  Online Course Selection Preparation Template .......................................... 47
Course Index (alphabetical)

Accounting and Finance ................................................................. 22
Biology .......................................................................................... 37
Business, Management & Enterprise .............................................. 23
Chemistry ....................................................................................... 37
Children, Family and Community: Caring for Others .................. 26
Children, Family and Community: Independent Living ............... 26
Computer Assisted Design ............................................................... 24
Computer Science ......................................................................... 23-24
Dance .............................................................................................. 16
Drama .............................................................................................. 17
Economics ......................................................................................... 41
English ............................................................................................ 14-15
Food Science and Technology ......................................................... 27
Geography ......................................................................................... 41-42
Health Studies .................................................................................. 30
History (Ancient) ............................................................................ 42
History (Modern) ............................................................................. 43
Human Biology .................................................................................. 38
Integrated Science ............................................................................ 39
Literature ........................................................................................... 15
Mathematics Pathways ................................................................. 33
Mathematics ................................................................................... 33-36
Media Production and Analysis ..................................................... 18
Multimedia ....................................................................................... 19
Music ................................................................................................ 19
Outdoor Education .......................................................................... 32
Physical Education Studies .............................................................. 31
Physics .............................................................................................. 40
Politics & Law .................................................................................. 43
Psychology ......................................................................................... 40
Technology and Enterprise Pathways .............................................. 21
Textiles – Material Design and Technology .................................. 25
Visual Arts ......................................................................................... 20
Vocational Education and Training (VET) Opportunities ............... 28-29
Wood - Material Design & Technology .......................................... 25
Workplace Learning ......................................................................... 28
Introduction

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

Our Philosophy

Encourages all members of our College community to focus on:
- Building Relationships
- One’s Own Learning
- Being A Productive and Valued Citizen

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

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

Enrolment Process

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

Students will be notified when the Year 11 2016 Curriculum Handbook is available online.

This Handbook contains information on:
- The courses offered.
- Mindarie Senior College Course Enrolment Policy.
- Achievement of WACE (Western Australian Certificate of Education)

Online Course Selection

Students will be notified of the process to complete their course selections online through Subject Selections Online (SSO). Students must bring a printout of their completed online SSO 2016 Year 11 Course Selection Form, which will indicate the 6 courses that the student would like to study, plus a reserve course.

Enrolment Interviews

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

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

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

Course Charges & Extra Cost Options
All applications for enrolment require an upfront deposit of $200 to be paid to the College at the time of enrolment. All Year 11 and 12 courses attract compulsory charges and the cost for each course is included in this booklet.

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 booklet.

In December this year, the parent or guardian will receive an information package which will include the updated additional cost charges, booklist and a statement of the course charges and voluntary contributions. It is expected that payment is finalised by the end of Term 1, 2016.

Payment options are available if necessary and arrangements can be made through the Finance Officer. Students with unpaid charges may be removed from high cost courses.

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

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

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

Homework/Study Commitments
Before students decide on which type of course to study, they need to consider the type of commitment they are able to give out of College hours. Students studying ATAR (university) pathway courses need to do a minimum of three hours study per course per week, each and every week. That means if a student is studying FIVE university pathway courses, they need to dedicate a minimum of 15 hours to homework and/or study per week.

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

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

Attendance and participation in class is the key to achievement of success. Studies show that students who attend college regularly are more likely to succeed at college. Students should aim for **100% attendance**. The only acceptable reasons for absences are sickness or attendance at a College activity such as an excursion. Work commitments and holidays are not acceptable reasons for being absent from College. If there is an unavoidable absence, the student needs to contact the class teachers and Mentor beforehand to collect work to ensure that all coursework and study is kept up-to-date.

**Medical Conditions Affecting College/Exam Performance**

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

**Types of Programs of Study Offered**

In Year 11, two types of programs are offered:

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

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

All of the courses described above are governed by the syllabuses and assessment structures of the Schools’ Curriculum and Standards Authority. These syllabus statements are available from the SCSA website –www.scsa.wa.edu.au or students can contact SCSA at: (08) 9273 6300.

In accordance with SCSA guidelines, students are awarded a grade at the end of each Year 11 or Year 12 course as follows:

- A Excellent Achievement
- B High Achievement
- C Sound Achievement
- D Limited Achievement
- E Inadequate Achievement

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

Before determining which course to take, make sure you thoroughly read and understand the Mindarie Senior College COURSE ENROLMENT POLICY (Page 9).
**ATAR (University) Pathway Courses**

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](http://www.tisc.edu.au). Each course in Year 11 is the counterpart of 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 an external 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.

### Unacceptable Course Combinations – ATAR Courses

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

- Chemistry ATAR with Integrated Science ATAR
- Physics ATAR with Integrated Science ATAR
- English ATAR with Literature ATAR

**General Pathway Courses (Non-University)**

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

### Unacceptable Course Combinations – General Courses

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

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

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

**Vocational Education and Training (VET)**

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

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

**Course Choices**

When choosing courses:

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

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

Course Enrolment Policy

1. Year 11 Enrolment Policy

The aim for Mindarie Senior College students is that they enrol in the course that best suits their interests, abilities and future pathways. Year 11 students will enrol, and remain enrolled in, six courses, or course equivalents. Year 11 students will not have sessions for private study unless they are enrolled in course equivalents such as Vocational Education & Training (VET) programs or Workplace Learning (ADWPL).

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 2016 Course Selection Form (the student will print this at the completion of his/her online course selection process).
- 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 (University) Pathway

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

General Pathway (Non University)

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

2016 Academic Standards Policy (the academic standards policy applies to all Year 11 students)

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

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

Students who do not meet this minimum academic standard will be expected to repeat Year 11 the following year or seek alternative training or employment.
2. Year 12 Enrolment

ATAR Pathway (University Pathway)

To remain in a university pathway program, students must have achieved a predicted ATAR of greater than 60 across a minimum of **FOUR** ATAR (university) pathway courses at the end of Year 11. If this is not achieved a student may choose one of the following options:

- Change to a more appropriate ATAR (university) pathway course.
- Change to general courses: a non-university pathway.

Although five(5) is the recommended number of ATAR pathway courses for a student aiming for university, Year 12 students may apply to complete a minimum of four(4) ATAR (university) pathway courses, along with two other courses or course equivalents.

Withdrawing from a Course to have Independent Study Time

This option may be available to students in Year 12 and is allocated on the basis of academic merit or when, in the opinion of College staff, it is seen to benefit a student’s educational outcomes. As a guide, Year 12 ATAR pathway students may withdraw from one course for study time at the start of Year 12, provided they have passed all six(6) courses in Year 11 and have achieved a ‘B’ average in five(5) of those courses. Students may also need to demonstrate a capacity to effectively use independent study time. Applications must be made to an Associate Principal and will be considered on an individual basis.

Changing Courses

When a student selects a program of study, he or she is committing to the courses for the duration of the program. Course changes are discouraged and can be avoided if students:

- Choose the appropriate courses and take note of the **Minimum Entrance Requirements**.
- Discuss any problems with the teacher and their parents.
- Work harder when the going gets tough, hand all work in on time, seek extra help and maintain 100% attendance.
- Utilise Wednesdays by attending seminars and completing extra study.

If a student realises that he or she is not in an appropriate course (e.g. too difficult or too easy), it is recommended that the student arranges to meet with the Manager of Student Studies or an Associate Principal as soon as possible and, at the latest, prior to the end of Week 4, Term 1. Any student who changes a course after the commencement of the course must catch up on any work missed in the new course selected. Course changes may also result in an increase in course charges.
Achievement of WACE

School Curriculum and Standards Authority (SCSA)

The School Curriculum and Standards Authority is the governing body in WA responsible for all courses, Statement of Achievement and 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.

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

- The Western Australian Certificate of Education (WACE) will be issued to all students who achieve WACE.

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

Western Australian Certificate of Education (WACE)

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 secondary graduation (WACE) for their child. Alternatively, contact SCSA by phone: (08) 9273 6300.

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

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

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

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

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

Curtin University of Technology
www.curtin.edu.au
Prospective Students Services
Phone: (08) 9266 2710 / 9266 2662
Email: undergrad@curtin.edu.au

Edith Cowan University
www.ecu.edu.au
Student Recruitment
Phone: (08) 6304 6304
Email: admissions@ecu.edu.au

Murdoch University
www.murdoch.edu.au
Prospective Students and Admissions Centre
Phone: 1300 Murdoch
Email: admissions@murdoch.edu.au

The University of Western Australia
www.uwa.edu.au
UWA Admissions Centre
Phone: (08) 6488 2477
Email: admissions@uwa.edu.au

The University of Notre Dame (Private)
www.nd.edu.au
Phone: (08) 9433 0555
Email: enquiries@nd.edu.au
STATE TRAINING PROVIDER (STP) (formerly TAFE)

Entrance Requirements

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

Phone: 13 23 98
Email: career.centre@dtwd.wa.gov.au
Webpage: www.trainingwa.wa.gov.au

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

Qualifications offered by STP 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; previous qualifications; and workplace experience: paid or unpaid.

Where selection criteria are applied, the following model is used:

**STP Selection Criteria**

Maximum 100 points

<table>
<thead>
<tr>
<th>Secondary Education Achievement/Skill Development</th>
<th>Workplace Experience And Employment</th>
<th>Previous Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Maximum 42 points]</td>
<td>[Maximum 29 points]</td>
<td>[Maximum 29 points]</td>
</tr>
</tbody>
</table>

Points allocated according to levels of achievement in THREE courses, including English or Literature or English as a Second Language or Dialect.

Points allocated for each hour of WPL, Work Experience, volunteer and paid or unpaid work.

Points allocated for any part or full Certificate or Degree qualification already achieved.

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 STP courses, in addition to an English course, would typically include in their program of study a Maths and Science course, combined with other courses in their area of interest. Students must achieve the highest result of which they are capable. Participating in all classes and learning experiences and submitting all work on time are the most successful strategies to achieve the highest outcomes.
English – Foundation
Course Units FEENG
Non-University Pathway

Estimated Cost $79.00
This course must be taken by students whose literacy level was judged to be Category 1, in either comprehension or writing, in their most recent OLNA (Online Literacy and Numeracy Assessment).

Course Outline
The English Foundation Course aims to develop students’ skills in reading, writing, viewing, speaking and listening in work, learning, community and everyday personal contexts. Such development involves an improvement in English literacy, where literacy is defined broadly to include reading ability, verbal or spoken literacy, the literacy involved in writing, and visual literacy. Students undertaking this Course will develop skills in the use of functional language conventions, including spelling, punctuation and grammar.

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

English – General
Course Units GEENG
Non-University Pathway

Estimated Cost $79.00

Course Outline
The English General Course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts. The Course is designed to provide students with the skills to succeed in a wide range of post-secondary pathways by developing their language, literacy and literary skills. Students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms.

Minimum Entrance Requirements
None.

Further Study
Year 12 - English – General
Course Code GTENG
English – ATAR
Course Units AEENG
University Pathway

Estimated Cost $79.00

Course Outline
The English ATAR Course focuses on developing students’ analytical, creative, and critical thinking and communication skills in all language modes, encouraging students to critically engage with texts from their contemporary world, the past, and from Australian and other cultures. Through close study and wide reading, viewing and listening, students develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and enjoy creating imaginative, interpretive, persuasive and analytical responses in a range of written, oral, multimodal and digital forms.

Minimum Entrance Requirements
B Grade in Year 10 English.

Further Study
Year 12 - English – ATAR
Course Code ATENG

Literature – ATAR
Course Units AELIT
University Pathway

Estimated Cost $79.00

Course Outline
In the Literature ATAR Course, students learn to create readings of literary texts and to create their own texts, including essays, poems, short stories, plays and multi-modal texts. Students learn to read texts in terms of their cultural, social and historical contexts; their values and attitudes; and their generic conventions and literary techniques. They enter the discourse about readings, reading practices and the possibility of multiple readings. Students learn to create texts, paying attention to contexts, values and conventions. Students learn about literary language, narrative, image and the power of representation. Students experience the aesthetic and intellectual pleasure that reading and creating literary texts can bring.

Minimum Entrance Requirements
A/B Grade in Year 10 English.

Further Study
Year 12 - Literature – ATAR
Course Code ATLIT
<table>
<thead>
<tr>
<th>Dance – General</th>
<th>Dance – ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Unit GEDAN</td>
<td>Course Unit AEDAN</td>
</tr>
<tr>
<td>Non-University Pathway</td>
<td>University Pathway</td>
</tr>
</tbody>
</table>

**Estimated Cost**

- $110.00

**Course Outline**

**Semester 1 – G1DAN**
Exploring the components of dance.

Students are introduced to:
- Dance language
- Practical & theoretical dance lessons
- Safe dance, Physical skills & Coordination
- Technique for styles of dance
- Performance qualities

**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

**Estimated Cost**

- $110.00

**Course Outline**

**Semester 1 – A1DAN**
Popular culture.

Students are introduced to:
- Dance language
- How dance can convey a message
- Safe dance, Physical skills & Choreographic tools
- Popular trends in dance & dance in music media
- Solo practical examinations
- The WA Set Solo in contemporary
- Written examinations

**Semester 2 – A2DAN**
Australian dance.

Students are introduced to:
- Unique Australian cultural dance
- History and development of dance in Australia
- Australian dance companies
- Written examination
- Manipulating the Elements of Dance

**Minimum Entrance Requirements**

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

**Further Study**

Year 12 - Dance – ATAR
Course Code ATDAN
Drama – General
Course Units – GEDRA
Non-University Pathway

Estimated Cost $95.00
See Additional Cost Item Information Sheet for additional costs

Course Outline

Unit 1 - Dramatic storytelling
The focus of this unit is dramatic storytelling. Students engage with the skills, techniques, processes and conventions of dramatic storytelling. Students view, read and explore relevant drama works and texts using scripts and/or script excerpts from Australian and/or world sources.

Unit 2 – Drama performance events
The focus for this unit is drama performance events for an audience other than their class members. In participating in a drama performance event, students work independently and in teams. They apply the creative process of devising and of interpreting Australian and/or world sources to produce drama that is collaborative and makes meaning.

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

** The course includes both practical and written components.

Minimum Entrance Requirements
None, though Year 10 Drama units desirable

Further Study
Year 12 - Drama – General
Course Code GTDRA
TAFE courses in Arts and Entertainment

---

Drama – ATAR
Course Units AEDRA
University Pathway

Estimated Cost $95.00
See Additional Cost Item Information Sheet for additional costs

Course Outline

Unit 1 - Representational, realist drama
This unit focuses on representational, realistic drama forms and styles. Students explore techniques of characterisation through different approaches to text interpretation, particularly those based on the work of Stanislavski and other representational drama.

Unit 2 – Presentational, non-realism drama
This unit focuses on presentational, non-realism drama. Students explore techniques of role and/or character through different approaches to text interpretation, particularly those based on the work of Brecht and other presentational drama.

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

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

Minimum Entrance Requirements
B Grade in Year 10 English.
Year 10 Drama units desirable.

Further Study
Year 12 - Drama – ATAR
Course Code ATDRA
Tertiary courses in the Arts.
TAFE courses in Arts & Entertainment.
Media Production and Analysis – General
Course Units GEMPA
Non-University Pathway

Estimated Cost $130.00
See Additional Cost Item Information Sheet for additional costs

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

Unit 1 – G1MPA - Mass media
With a focus on mass media, students reflect on their own use of the media, common representations, including the examination of characters, stars and stereotypes and the way media is constructed and produced. Students analyse, view, listen to and interact with common media work from their everyday use. They also generate ideas and, with the assistance of their teachers, learn the basic production skills and processes as they apply their knowledge and creativity in their productions.

Unit 2 – G2MPA - Point of view
In this unit, students analyse how point of view is constructed. They will analyse media work and construct a point of view in their own productions.
In contexts related to point of view, students analyse, view, listen to and interact with media work in commercial and non-commercial media. Students develop strategies and production skills when creating their own media work.

Minimum Entrance Requirements
Past experience in Media Studies would be an advantage.

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

Media Production and Analysis – ATAR
Course Units AEMPA
University Pathway

Estimated Cost $130.00
See Additional Cost Item Information Sheet for additional costs

Course Outline
Students 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
This focus involves identifying what is meant by ‘popular’ culture and considering the types of media, ideas and audiences from which popular culture evolves. Students analyse, view, listen to and interact with a range of popular media, and apply their understandings and skills in creating their own productions.
In contexts related to popular culture, students have the opportunity to explore a variety of popular media work. Students develop production and analytical skills working in specific production contexts.

Unit 2 – A2MPA - Journalism
In this unit students will further their understanding of journalistic media. Students analyse, view, listen to and interact with a range of journalistic genres and they draw on this knowledge when developing ideas for their own productions.
They become increasingly independent as they manipulate technologies and techniques to express their ideas in their productions.

Minimum Entrance Requirements
Achievement of a B Grade in English at Yr 10 level. Past experience in Media Studies is desirable.

Further Studies
Year 12 - Media Production and Analysis – ATAR
Course Code ATMPA
Multimedia - Certificate II
Creative Industries (Media)
Course Unit CUF20107
Non-University Pathway

Offered under the auspice of Central Institute of Technology (RTO 1988)

Estimated Cost $150.00
See Additional Cost Item Information Sheet for additional costs

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

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

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

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

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

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

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

Music – GENVET
Course Codes - GEMUS
Non-University Pathway

Estimated Cost $140.00
See Additional Cost Item Information Sheet for additional costs

Course Outline
The Music course syllabus is designed around four key outcomes.

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

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

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

Further Study
Year 12 - Certificate II in Music (CUS20109)
Visual Arts – VET Certificate III
Qualification Code CUV30111
Non-University Pathway

Offered under the auspice of Central Institute of Technology (RTO 1988)

Estimated Cost $150.00
See Additional Cost Item Information Sheet for additional costs

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

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

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

Further Study
Year 12 – General - Certificate III in Visual Arts CUV30111 (continued) or Certificate IV in Visual Art and/or diploma courses at TAFE.

Visual Arts – ATAR
Course Units AEVAR
University Pathway

Estimated Cost $130.00

Course Outline
The Visual Arts ATAR course encompasses the practice and theory of the broad areas of art, craft and design. Students have opportunities to express their imagination, develop personal imagery, develop skills and engage in the making and presentation of artwork. The Visual Arts ATAR course encourages students to develop problem-solving skills together with creative and analytical ways of thinking.

Students will study two semester long themes, “Differences” and “Identities”. The course is separated into two equally weighted areas, Art Making and Art Interpretation. Within Art Making students will be expected to produce a visual diary exploring drawing, design, influences, media testing, documentation and reflection and a final work/s. Art Interpretation encompasses two areas, Critical Analysis and Investigation. Tasks will include analysing artworks, learning and applying art language, exploring art movements, artists influence upon art history and the students own work, writing artist statements and analytic and investigative essays.

Minimum Entrance Requirements
B Grade in Year 10 Visual Arts Course

Further Study
Year 12 - Visual Arts – ATAR
Course Code ATVAR
## PATHWAYS FOR TECHNOLOGY AND ENTERPRISE

<table>
<thead>
<tr>
<th>Pathways</th>
<th>Year 11</th>
<th>Year 12</th>
<th>Further Study</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Not aiming for direct entry to University: General Courses</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting and Finance - General (GEACF)</td>
<td>Certificate II in Business - VET (BSB20112)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td># Computer Science - GENET (GECSC)</td>
<td>Certificate II in Information, Digital, Media Technology – VET (ICA20111)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td><strong>Children, Family and the Community: Infant/Child focus - GENET (GECFCC)</strong></td>
<td>Certificate II in Community Services – VET (CHC20112)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td><strong>Children, Family and the Community: Independent Living General (GECFCL)</strong></td>
<td>Certificate II in Community Services – VET (CHC20112)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td>Food Science and Technology General (GEFST)</td>
<td>Food Science and Technology General (GTFST)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td>Wood - Materials Design and Technology-General (GEMDTW)</td>
<td>Wood - Materials Design and Technology - General (GTMDTW)</td>
<td>TAFE</td>
<td></td>
</tr>
<tr>
<td><strong>Aiming for Direct Entry to University</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting and Finance ATAR (AEACF)</td>
<td>Accounting and Finance ATAR (ATACF)</td>
<td>University/TAFE</td>
<td></td>
</tr>
<tr>
<td>Computer Science ATAR (AECSC)</td>
<td>Computer Science ATAR (ATCSC)</td>
<td>University/TAFE</td>
<td></td>
</tr>
</tbody>
</table>

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

** Students may only choose one of these courses (ie: Infant/child focus OR Independent Living focus).
Accounting and Finance – GENVET
Course Units GEACF
Non-University Pathway

Estimated Cost $50.00

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

Skills Outline
Some of the key concepts, which relate to personal and small business finance, covered include:
- Dealing with banks
- What insurances do I need?
- Dealing with credit
- Bank reconciliations
- Recording and reading financial documents
- Budgeting
- Superannuation
- Taxation
- Role of Government
- Role of not-for-profit organisations in financial decision making
- Business records

Minimum Entrance Requirements
None

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

Accounting and Finance – ATAR
Course Units AEACF
University Pathway

Estimated Cost $50.00

Course Outline
The Accounting and Finance ATAR course aims to make students financially literate by 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. This course provides students with an understanding of the accounting procedures used to process financial transactions for the sole proprietorship form of business organisation. The procedures are based on the principles of double-entry and include both cash and accrual accounting methods. Students learn skills that will be useful to them at home, in the workplace or as background to higher studies in Accounting.

Topics covered include:
- Concepts, Principles and Practices Integral to the Course including types of businesses
- Journals and General Ledgers to the Trial Balance Stage
- Profit Determination
- Balance Day Adjustments
- Depreciation
- Presentation of Accounting Reports for a Trading and Service Business
- GST

Skills Outline
Numeracy, Literacy, Problem solving, Computer literacy

Minimum Entrance Requirements
C Grade in Year 10 Mathematics and English

Further Study
Year 12 – ATAR - Accounting & Finance Course Code ATACF
Business, Management and Enterprise – General
Course Units GEBME
Non-University Pathway

Estimated Cost $65.00

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

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

Skills Outline
Some of the key concepts which will be covered include:
- understand marketing
- understand how organisational practices, procedures and structures function.
- understand the impact of beliefs and values on business activity
- understand the impact of economic environments, government policies and legal requirements on business activity
- understand the impact of technologies
- apply business skills, tools and processes
- demonstrate interpersonal skills required for effective business operations
- investigate and evaluate innovative and enterprising opportunities

Minimum Entrance Requirements
None

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

Computer Science – GENVET
Course Units GECSC
Non-University Pathway

Estimated Cost $70.00

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

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

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

Minimum Entrance Requirements
None

Further Study
Year 12 - Certificate II in Information, Digital, Media Technology (ICA20111)
Computer Science – ATAR
Course Units AECSC
University Pathway

Estimated Cost $70.00

Course Outline
The course focuses on the fundamental principles, concepts and skills within the field of computing and provides students with opportunities to develop flexibility and adaptability in the application of these, in the roles of developers and users. Students who do this course will learn the following skills which will not only help them in Year 11 and 12 but also provide them with logical thinking to help them in the future. This is achieved through the use of computers and how they relate to small businesses operating today. This course is ideal for all students but will assist students who are looking for a career in computers as well as those looking to go to university or into business.

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

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

Minimum Entrance Requirements
C Grade in Year 10 English and Mathematics

Further Study
Year 12 - Computer Science – ATAR
Course Code ATCSC

Course Units GEDEST
Non-University Pathway

Estimated Cost $52.00

Course Outline
Students learn to use state of the art software to create solutions to design problems in variety of contexts. These include creating assets for computer games, Product design, Architectural design and Engineering design. The software used in this course is industry standard and will assist students looking for a career in architecture, engineering, product design, interior design, 3D animation and the game creation industries. In addition to developing skills and understanding in the use of AutoCAD, Inventor, 3dsMax and Photoshop, students also learn the conventions of workshop drawings, presentation drawing and 3D animation.

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 - Computer Assisted Design – Technical Graphics – General
Course Code GTDEST
Year 12 - TAFE Courses in Building & Architectural Associates and Technicians.
Course Outline
The Woodwork Course offers students a unique learning opportunity by developing cognitive and communication skills within the Woodwork context. This course will provide & prepare students for the opportunities, responsibilities and critical participation in today’s modern technological world.

The course is about designing products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material/ costing lists and production procedures. Throughout this process, the students will be encouraged to generate their own ideas through research of existing products, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment such as the use of various tools, machinery and processes relevant to the tasks in a safety and effective environment.

Projects include, Wooden Mechanised clock, Upholstered stool and a Vase stand.

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

Estimated Cost $130.00

Course Outline
The Materials Design and Technology course (in the context of TEXTILES) aims to provide the foundation for lifelong learning about how materials are developed and used in a technological and material world. Students will be encouraged to explore the range and properties of a variety of fabrics focussing on natural and synthetic fibres in these units. Working with materials, students develop a range of manipulative, processing, manufacturing and organisational skills. All members of the class are required to participate in a fashion show and will have opportunities for entering fashion competitions. Activities in this course enhance employability in areas that include textiles and clothing, manufacturing and design.

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

Minimum Entrance Requirements
None.

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

Estimated Cost $92

See Additional Cost Item Information Sheet for additional costs
Major task project will require additional student expenditure for materials. Students will be supplied with general haberdashery, notions and fabric for sample work. Students will be expected to supply fabric and notions for a personal garment project as a major task.
Children, Family and Community:
Caring for Others: Infant/Child
Focus – GENVET
Course Units GECFCC
Non-University Pathway

Estimated Cost $92.00

Course Outline
Caring for a child is one of the most rewarding experiences anyone can undertake. The General Syllabus Units 1 & 2 provide students with knowledge and skills to prepare for this life changing experience. This course will include both theory and practical components.

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

Unit 2 provides an understanding of factors influencing the health of children, ethical issues relating to children and families, sustainable practices when working and living with children, and the importance of play. Students will have an opportunity to care for a virtual baby, develop practical resources for children and interact with young children. This course is an excellent choice for students with a genuine interest in children and their welfare, and for those planning a career working with 0-5yr olds.

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

Minimum Entrance Requirements
None.

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

Children, Family and Community:
Independent Living – GENVET
Course Units GECFCL
Non-University Pathway

Estimated Cost $92.00

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

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

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

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

Minimum Entrance Requirements
None.

Further Study
Year 12 – VET – Certificate II in Community Services (CHC20112)
Food Science and Technology – General
Course Units GEFST
Non-University Pathway

Estimated Cost $125.00

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

Students learn about:
• Food as a commodity
• Nutrition
• Properties when developing products or recipes

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

Students learn about:
• Bulk food preparation
• Cutting techniques
• Nutrition
• Preparation of multi-course meals
• Ethical and community issues
Must be available for evening functions

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

Minimum Entrance Requirements
None.

Further Study
Year 12 - Food Science & Technology
General Course Code GTFST
### Workplace Learning
Course Unit ADWPL

**Estimated Cost** $107.00
Includes workshops, employer documentation and student logbook.

**Course Outline**

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

Students must complete an arranged period of time in a suitable workplace, with the work placement day being a Wednesday. Prior to applying for the WPL program, students should ensure that they have read and understood the 2016 MSC Workplace Learning Policy (available from www.mindarie.wa.edu.au under the Curriculum menu).

**Core Skills Outline**

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

**Minimum Entrance Requirements**

- Positive attitude and interest
- Completion of the application.

### Vocational Education and Training (VET) Opportunities

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

- **Certificate II in Media**
  This course is offered to students under the auspice of Central Institute of Technology (RTO 1988)
- **Certificate III in Visual Arts**
  This course is offered to students under the auspice of Central Institute of Technology (RTO 1988)

Complete details of **external** VET courses on offer in 2016 are not available at the time of publishing. As information becomes available, external VET opportunities will be posted on the website (www.mindarie.wa.edu.au), under the Curriculum menu.

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

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

As a guide, information usually becomes available from mid-July and, in 2015, the following VET opportunities were available to MSC students and we anticipate these will be similar in 2016.

Students should mention their interest in a VET program at their enrolment interview.
Part or full certificate courses at Training Providers one-day-per-week

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

As a guide only, in 2015 MSC students were able to access part or full certificate courses in the following areas:

- Automotive – Mechanics
- Community Services (Children’s Services)
- Electrotechnology (Electrical)
- General Construction – Carpentry and Joinery
- General Construction- Wet Trades
- Hospitality
- Make-up Services
- Education Support
- Tourism & Events
- Health Services
- Business

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

School Based Apprenticeships

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

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

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

School Based Traineeships (SBTs)

A school-based traineeship is approximately an 18 month commitment. Once the contracts are signed, students are employees and are paid a training wage for the on-the-job component of their traineeship. Successful candidates complete a Certificate II in their industry area, which will count towards secondary graduation and therefore allows a reduction in the number of courses the student studies at MSC. School-based traineeship opportunities are advertised as they arise. SBTs 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.
Health Studies – General
Course Unit GEHEA
Non-University Pathway

Estimated Cost $91

Course Outline
Courses in Health Studies are designed for those students interested in pursuing a pathway to Health, Social and Community Services and related TAFE courses and fields of employment. Health Studies facilitates the development of knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health. The influence of social, environmental, economic and biological determinants of health is a key focus of the Course. Other Course content includes the influence of beliefs, attitudes and values on health behaviour, and the importance of self-management and interpersonal skills in making healthy decisions.

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

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

Minimum Entrance Requirements
None.

Further Study
Year 12 - Health Studies – General
Course Code GTHEA

Health Studies – ATAR
Course Unit AEHEA
University Pathway

Estimated Cost $91

Course Outline
The focus of this Course is on understanding the importance of personal and community action in promoting health. Students will explore contemporary health issues, examining the impact of social, environmental, economic and biomedical factors and their collective contribution to health disparities. Students will apply inquiry skills to examine and analyse health issues, develop arguments and draw evidence-based conclusions to develop approaches to address barriers to better health. The course provides opportunities for students to develop skills to pursue careers in a range of health and community service industries.

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

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

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

Further Study
Year 12 - Health Studies - ATAR
Course Code ATHEA
Physical Education Studies – GENVET
Course Units GEPES
Non-University Pathway

Estimated Cost $131

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

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

The practical modules selected for each class will be dependent upon the specific expertise of the teacher and the resources and facilities available to the class. They may include:
- Touch rugby
- Triathlon
- Handball
- Basketball
- Tennis
- Badminton

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

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

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

Physical Education Studies – ATAR
Course Units AEPES
University Pathway

Estimated Cost $150

Course Outline
This Course covers a range of sports science topics. Knowledge is gained through both theoretical and practical experiences. The Course time is divided between the theoretical and practical components. However, the Course comprises 70% theoretical and 30% practical. For this reason, physical prowess alone will not be sufficient for success in this Course. Students will be required to actively participate in all modules of the Course to the best of their ability. Practical modules selected for each class will be dependent upon the specific expertise of the teacher and resources and facilities available to the class.

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

Minimum Entrance Requirements
C Grade in Science, Physical Education and English in Year 10.

Further Study
Year 12 - Physical Education Studies – ATAR
Course Code ATPES
Outdoor Education - General
Course Unit GEOED
Non-University Pathway

Estimated Cost $130

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

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

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

Students are required to attend 2 expeditions and a 1 day excursion during which they will be assessed on Course outcomes. 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.

Further Study
Year 12 - Outdoor Education – General
Course Code GTOED
**Mathematics Courses - Year 11**

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

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

**Pathways for Mathematics**

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Mathematics: Specialist</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 11 Units</strong></td>
<td><strong>Year 12 Units</strong></td>
</tr>
<tr>
<td>Methods 1 + 2</td>
<td>Methods 3 + 4</td>
</tr>
<tr>
<td>AEMAM</td>
<td>ATMAM</td>
</tr>
<tr>
<td>Applications 1 + 2</td>
<td>Applications 3 + 4</td>
</tr>
<tr>
<td>AEMAA</td>
<td>ATMAA</td>
</tr>
<tr>
<td>Essentials 1 + 2</td>
<td>Essentials 3 + 4</td>
</tr>
<tr>
<td>GEMAE</td>
<td>GTMAE</td>
</tr>
<tr>
<td>Foundation 1 + 2</td>
<td>Foundation 3+4</td>
</tr>
<tr>
<td>FEMAT</td>
<td>FTMAT</td>
</tr>
</tbody>
</table>

**Mathematics: General courses**

<table>
<thead>
<tr>
<th>Mathematics Foundation: FMAT</th>
<th>Minimum Entrance Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course is only available to students whose numeracy was resulted as Category 1 in their most recent OLNA (Online Literacy and Numeracy Assessment).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics Essentials: GEMAE</th>
<th>None</th>
</tr>
</thead>
</table>

**Mathematics: ATAR courses**

<table>
<thead>
<tr>
<th>Mathematics Applications: AEMAA</th>
<th>C grade in Year 10 Mathematics.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics Methods: AEMAM</td>
<td>A/high B grade in Year 10 Mathematics</td>
</tr>
<tr>
<td>Mathematics Specialist: AEMAS</td>
<td>A grade in Year 10 Mathematics and considerable algebraic understanding and skills.</td>
</tr>
</tbody>
</table>
Mathematics - Foundation
Course Unit FEMAT
Non University Pathway

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

Estimated Cost $79.00

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

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

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

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

Mathematics Essentials – General
Course Unit GEMAE
Non University Pathway

Estimated Cost $79.00

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

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

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

Minimum Entrance Requirements
None

Further Study
Year 12 - Mathematics Essentials – General
Course Code GTMAE
Mathematics Applications – ATAR
Course Unit AEMAA
University Pathway

Estimated Cost $50.00
A CASIO CAS calculator is required for this course.

Course Outline
This course focuses on the use of mathematics to solve problems in contexts that involve financial modelling, geometric and trigonometric analysis, graphical and network analysis, and growth and decay in sequences. It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering questions that involve analysing univariate and bivariate data, including time series data.

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

Minimum Entrance Requirements
C grade in Year 10 Mathematics

Further Study
Year 12 - Mathematics Applications – ATAR
Course Code ATMAA

Mathematics Methods – ATAR
Course Unit AEMAM
University Pathway

Estimated Cost $50.00
A CASIO CAS calculator is required for this course.

Course Outline
This course focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world, and includes the use of functions, their derivatives and integrals, in modelling physical processes. The study of statistics develops students’ ability to describe and analyse phenomena that involve uncertainty and variation.

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

Minimum Entrance Requirements
A or high B grade in Year 10 Mathematics

Further Study
Year 12 - Mathematics Methods – ATAR
Course Code ATMAM
Mathematics Specialist – ATAR

Course Unit AEMAS

University Pathway

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

Estimated Cost $50.00

A CASIO CAS calculator is required for this course.

Course Outline

This course provides opportunities, beyond those presented in the Mathematics Methods ATAR course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively. The course contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods course, as well as demonstrate their application in many areas. This course also extends understanding and knowledge of statistics and introduces the topics of vectors, complex numbers and matrices.

The Mathematics Specialist ATAR course aims to develop students’:

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

Minimum Entrance Requirements

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

Further Study

Year 12 - Mathematics Specialist – ATAR

Course Code ATMAS
Biology - ATAR
Course Units AEBLY
University Pathway

Estimated Cost $50.00

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

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

The Year 11 syllabus is divided into two units:
**Unit 1** – Ecosystems and biodiversity - Students develop an understanding of the processes involved in the movement of energy and matter in ecosystems. They study ecosystem dynamics, population numbers and species diversity, along with descriptions of species interactions. Students use classification systems for data collection, comparison and evaluation.

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

Minimum Entrance Requirements
B Grade in Year 10 Science – Biological science sub-strand
B Grade in Year 10 English

Further Study
Biology – ATAR – Year 12
Course Code ATBLY

Chemistry - ATAR
Course Units AECHE
University Pathway

Estimated Cost $50.00

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

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

The Year 11 syllabus is divided into two units:
**Unit 1** – Chemical fundamentals: structure, properties and reactions - students use models of atomic structure and bonding to explain the macroscopic properties of materials. Energy changes associated with chemical reactions and the use of chemical equations to calculate the masses of substances involved in chemical reactions is explored.

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

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

Further Study
Chemistry – ATAR – Year 12
Course Code ATCHE
Human Biology - General
Course Units GEHBY
Non-University Pathway

Estimated Cost $50.00

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

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

The Year 11 syllabus is divided into two units:

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

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

Minimum Entrance Requirements
None

Further Study
Human Biology – General – Year 12
Course Code GTHBY

---

Human Biology - ATAR
Course Units AEHBY
University Pathway

Estimated Cost $50.00

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

Reproduction is studied to understand the sources of variation that make each of us unique individuals.

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

The Year 11 syllabus is divided into two units:

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

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

Minimum Entrance Requirements
C Grade in Year 10 Science

Further Study
Human Biology – ATAR – Year 12
Course Code ATHBY
Integrated Science - General
Course Units GEISC
Non-University Pathway

Estimated Cost $79.00

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

The Year 11 syllabus is divided into two units:

**Unit 1**
The emphasis of this unit is on biological and Earth systems, focusing on the following topics:
- interrelationships between Earth systems
- structure and function of biological systems
- ecosystems and sustainability
- species continuity and change.

**Unit 2**
The emphasis of this unit is on physical and chemical systems, focusing on the following topics:
- atomic structure
- chemical reactions
- mixtures and solutions
- motion and forces
- energy.

Minimum Entrance Requirements
None

Further Study
Integrated Science – General – Year 12
Course Code GTISC

Integrated Science - ATAR
Course Units AEISC
University Pathway

Estimated Cost $79.00

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

The Year 11 syllabus is divided into two units:

**Unit 1** – Driver safety and hearing
Through an integrated, scientific approach, this unit explores two major issues for today’s society: safety on the roads, and the effects of listening to loud sounds.

**Unit 2** – Biodiversity and conservation
The focus of this unit is on the effects that human activities have on biodiversity, and methods of conservation.

Minimum Entrance Requirements
C Grade in Year 10 Science.

Further Study
Integrated Science – ATAR – Year 12
Course Code ATISC
**Physics - ATAR**  
Course Units AEPHY  
University Pathway

**Estimated Cost** $50.00

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

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

The Year 11 syllabus is divided into two units:  
**Unit 1** – Thermal, nuclear and electrical physics: Students investigate energy production by considering heating processes, radioactivity and nuclear reactions, and investigate energy transfer and transformation in electrical circuits.  
**Unit 2** – Linear motion and waves: Students describe, explain and predict linear motion, and investigate the application of wave models to sound phenomena.

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

**Further Study**  
Physics – ATAR – Year 12  
Course Code ATPHY

---

**Psychology - ATAR**  
Course Units AEPSY  
University Pathway

**Estimated Cost** $50.00

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

The Year 11 syllabus is divided into two units:  
**Unit 1** - focuses on understanding how and why people behave the way they do. Students learn about the human brain and explore the impact of external factors on behaviour. Students examine different types of relationships and the role of verbal and non-verbal communication in initiating, maintaining and regulating these. Students are introduced to ethics in psychological research and carry out investigations.  
**Unit 2** - focuses on developmental psychology. Students analyse twin and adoption studies to gain insight into the nature/nurture debate and look at the role of play in assisting development. Students explore what is meant by the term personality and examine historical perspectives used to explain personality. They also explore behaviour and causes of prejudice.

**Minimum Entrance Requirements**  
B Grade in Year 10 Science.

**Further Study**  
Psychology – ATAR – Year 12  
Course Code ATPSY
Economics – ATAR
Course AECEO
University Pathway

Estimated Cost $50.00
See Additional Cost Item Information Sheet for additional costs

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

Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels. The Year 11 Economics course is designed to suit the needs of students considering tertiary study and is relevant to careers in a wide range of industries.

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

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

Minimum Entrance Requirements
C Grade in Year 10 Humanities and Social Sciences.

Further Study
Year 12 - Economics – ATAR
Course Code: ATECO

Geography – General
Course Units: GE GEO
Non-University Pathway

Estimated Cost $79.00
See Additional Cost Item Information Sheet for additional costs

Course Outline
Geography General Units 1 and 2 are designed to suit the needs of students considering the work force or TAFE at the end of Year 12. These units focus on environments at risk and tourism aspects of particular regions. The themes are explored in Unit 1 through the context of Western Australia’s coastal and marine environment. Unit 2 focuses on regions, with the context of Perth. Students will explore the development of the city and the tourism aspects that attracts travellers to the region every year.

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

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

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

Minimum Entrance Requirements
None.

Further Study
Year 12 - Geography – General
Course unit: GTGEO
Geography – ATAR
Course Units AE GEO
University Pathway

Estimated Cost $79.00
See Additional Cost Item Information Sheet for additional costs

Course Outline
Geography ATAR Units 1 and 2 are designed to suit the needs of students considering tertiary study at the end of Year 12. These units focus on hazards and impact minimisation as well as sustainable development. In Unit 1, the focus will be explored through the contexts of earthquakes and human induced hazards, including the impacts that these hazards have on the cultural environment and the policies being put in place to minimise the risk of these hazards. The theme of Unit 2 is that of global networks and interconnections. Students will investigate advancements in technology and the value of Earth’s natural resources. The study of these units helps to develop students’ investigation, communication and analytical skills, in order to come to a balanced judgement and/or solution to complex issues that face the global human population.

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

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

Minimum Entrance Requirements
C Grade in Year 10 Humanities and Social Sciences.

Further Study
Year 12 - Geography-ATAR
Course Code ATGEO

Ancient History – General
Course Unit GEHIA
Non -University Pathway

Estimated Cost: $79.00

Course Outline
Ancient civilisations and cultures Unit 1 and Power in the ancient world Unit 2 are designed for students who have an interest in Ancient History. These units enable students to investigate life in early civilisations and learn that in ancient societies, key individuals have acted as agents for change. Unit 1 will focus on Troy and the Ancient Celts, with Unit 2 concentrating on the Ancient Leaders of Hatshepsut, Xerxes and Hadrian. The Ancient History General course allows students to gain insights into their own society and its values through the study of societies and cultures of the more distant past.

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

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

Minimum Entry Requirement:
None

Further Study:
Year 12 - Modern History – General
Course Code GTHIM
Modern History – ATAR-Year 11  
Course Unit AEHIM  
University Pathway  
Estimated Cost: $79.00

Course Outline
Understanding the Modern World, Unit 1, and Movements for change in the 20th century, Unit 2, are designed to suit the needs of students considering tertiary study at the end of Year 12. In Unit 1, students will examine one development or turning point that has helped to define the modern world. The focus for this unit will be Capitalism – the American Experience 1907–1941 that looks at aspects as far reaching as the Roaring Twenties to Pearl Harbour. In Unit 2, the key context is a historical movement. Students will be concentrating on Nazism in Germany and the rise and fall of Adolf Hitler. Through their studies, students explore the nature of sources for the study of modern history and build their skills in historical method through inquiry.

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

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

Minimum Entry Requirement:
C Grade in Year 10 Humanities and Social Sciences.

Further Study:
Year 12 - Modern History – ATAR  
Course Code ATHIM

Politics and Law - ATAR – Year 11  
Course Units AEPAL  
University Pathway  
Estimated Cost $50.00

Course Outline
The Politics and Law ATAR Course is a critical study of the processes of decision-making concerning society’s collective future. Students will study the structures and processes of Australia’s political and legal system, as well as various case studies of the systems of other countries, including Great Britain, the United States of America and Canada. Through their studies, students will gain an understanding of the close relationship that exists between politics and law, as well as the role that the community plays in shaping the actions of our elected and appointed representatives. This Course is designed to provide students with the skills to positively contribute and make informed decisions when it comes to their interactions with the Australian political and legal system.

Unit 1: Democracy and the rule of law
Students will examine the principles of liberal democracy, its use in the Australian context and differentiate with a non-democratic system. Students will also gain an understanding of Australia’s common law legal system and examine a non-common law system, such as France and Germany.

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

Minimum Entrance Requirements
C Grade in Year 10 Humanities and Social Sciences.

Further Study
Year 12 - Politics and Law – ATAR – Year 12  
Course Code ATPAL
### 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.

<table>
<thead>
<tr>
<th>List A (arts/languages/social sciences)</th>
<th>List B (mathematics/science/technology)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIA</td>
<td>Ancient History</td>
</tr>
<tr>
<td>BME</td>
<td>Business, Management And Enterprise</td>
</tr>
<tr>
<td>DAN</td>
<td>Dance</td>
</tr>
<tr>
<td>DRA</td>
<td>Drama</td>
</tr>
<tr>
<td>ECO</td>
<td>Economics</td>
</tr>
<tr>
<td>ENG</td>
<td>English</td>
</tr>
<tr>
<td>LIT</td>
<td>Literature</td>
</tr>
<tr>
<td>GEO</td>
<td>Geography</td>
</tr>
<tr>
<td>HEA</td>
<td>Health Studies</td>
</tr>
<tr>
<td>MPA</td>
<td>Media Production &amp; Analysis</td>
</tr>
<tr>
<td>HIM</td>
<td>Modern History</td>
</tr>
<tr>
<td>PAL</td>
<td>Politics And Law</td>
</tr>
<tr>
<td>VAR</td>
<td>Visual Arts</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>VET or GENVET</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACF - GENVET</td>
<td>Accounting And Finance</td>
</tr>
<tr>
<td>CFC - GENVET</td>
<td>Children, Family &amp; the Community</td>
</tr>
<tr>
<td>MUS - GENVET</td>
<td>Music</td>
</tr>
<tr>
<td>ADWPL</td>
<td>Workplace Learning</td>
</tr>
<tr>
<td>CUF201 - VET</td>
<td>Multimedia – VET - CUF20107 Certificate II Creative Industries (Media)</td>
</tr>
<tr>
<td>GECSC - GENVET</td>
<td>Computer Science</td>
</tr>
<tr>
<td>PES - GENVET</td>
<td>Physical Education Studies</td>
</tr>
</tbody>
</table>
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 chosen courses. These additional costs are not covered in the Course Charges.

The charges listed below are an indication of the maximum parents will be required to pay for learning area activities and other general items during 2015. 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:

### Appendix B: ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES

#### YEAR 11 2016 (and Year 12 2017)

The charges listed below are an indication of the maximum parents will be required to pay for learning area activities and other general items during 2015. 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Activity</th>
<th>Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Art Yr 11 ATAR:</td>
<td>Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year)</td>
<td>up to $30.00</td>
</tr>
<tr>
<td>Visual Art Year 12 ATAR:</td>
<td>Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year)</td>
<td>up to $30.00</td>
</tr>
<tr>
<td>Certificate III Visual Art &amp; Contemporary Craft:</td>
<td>Excursion – (one per year)</td>
<td>up to $30.00</td>
</tr>
<tr>
<td><strong>Drama ATAR and General:</strong></td>
<td>Excursion – (up to three per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td><strong>Music General and Cert II:</strong></td>
<td>Excursion – (one per year)</td>
<td>up to $30.00</td>
</tr>
<tr>
<td><strong>Media Production and Analysis General and ATAR:</strong></td>
<td>Excursion – (one per year)</td>
<td>up to $35.00</td>
</tr>
<tr>
<td>Dance General and ATAR</td>
<td>Excursion (one per year)</td>
<td>each up to $35.00</td>
</tr>
<tr>
<td></td>
<td>Costumes as required (per unit)</td>
<td>up to $30.00</td>
</tr>
<tr>
<td></td>
<td>A select group of students across the ARTS learning area may attend a specialist ARTS Camp in Term 1</td>
<td>up to $160.00</td>
</tr>
<tr>
<td><strong>CAREERS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11</td>
<td>University Information Day excursion</td>
<td>up to $15.00</td>
</tr>
<tr>
<td><strong>PHYSICAL EDUCATION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11 General Outdoor Education:</td>
<td>Semester 1 Camp</td>
<td>up to $50.00</td>
</tr>
<tr>
<td>Year 12 General Outdoor Education:</td>
<td>Semester 1 Camp</td>
<td>up to $120.00</td>
</tr>
<tr>
<td></td>
<td>Semester 2 Camp</td>
<td>up to $60.00</td>
</tr>
<tr>
<td></td>
<td>Semester 2 Camp</td>
<td>up to $100.00</td>
</tr>
</tbody>
</table>
## Appendix B (cont): ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES

### YEAR 11 2016 (and Year 12 2017)

<table>
<thead>
<tr>
<th>Course</th>
<th>Activity</th>
<th>Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HUMANITIES AND SOCIAL SCIENCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Year 11</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics ATAR:</td>
<td>Excursion</td>
<td>up to $30.00</td>
</tr>
<tr>
<td>Geography General:</td>
<td>Excursion (two per year)</td>
<td>up to $100.00</td>
</tr>
<tr>
<td>Ancient History General:</td>
<td>Excursion</td>
<td>up to $50.00</td>
</tr>
<tr>
<td>Modern History ATAR:</td>
<td>Excursion</td>
<td>up to $50.00</td>
</tr>
<tr>
<td>Geography ATAR:</td>
<td>Camp</td>
<td>up to $200.00</td>
</tr>
<tr>
<td>Political &amp; Legal Studies ATAR:</td>
<td>Excursion</td>
<td>up to $40.00</td>
</tr>
<tr>
<td><strong>Year 12</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modern History ATAR:</td>
<td>Excursion</td>
<td>up to $50.00</td>
</tr>
<tr>
<td>Geography General:</td>
<td>Field trip / excursion (two per year) each up to $50.00</td>
<td></td>
</tr>
<tr>
<td>Geography ATAR:</td>
<td>Field trip / excursion</td>
<td>up to $20.00</td>
</tr>
<tr>
<td>Political &amp; Legal Studies ATAR:</td>
<td>Excursion</td>
<td>up to $40.00</td>
</tr>
<tr>
<td><strong>MATHS/SCIENCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Biological Science:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td>Chemistry:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td>Integrated Science:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td>Biological Science:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td>Physics:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $35.00</td>
</tr>
<tr>
<td>Psychology:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $30.00</td>
</tr>
<tr>
<td><strong>TECHNOLOGY AND ENTERPRISE</strong></td>
<td>Students who undertake projects, which exceed their school charge allowance are expected to pay for extra materials</td>
<td>up to $20.00</td>
</tr>
<tr>
<td>Design and Technology:</td>
<td>Students who undertake projects for fabric design briefs which exceed their course charge allowance will be required to supply their own materials.</td>
<td>up to $20.00</td>
</tr>
<tr>
<td>Year 11 &amp; 12 Materials Design &amp; Technology - Fabric:</td>
<td>3 metres fabric</td>
<td></td>
</tr>
<tr>
<td><strong>GENERAL</strong></td>
<td>Students are expected to pay for excess printing above their allocation - 20 black &amp; white A4 sided sheets</td>
<td>$2.00</td>
</tr>
<tr>
<td>Printing:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11 Orientation Day:</td>
<td>Held in Term 1</td>
<td>approx $30.00</td>
</tr>
<tr>
<td>Year 12 College Ball:</td>
<td>Held in Term 3</td>
<td>approx $135.00</td>
</tr>
<tr>
<td>Year 12 Leavers Jackets:</td>
<td>To be ordered and paid for in Term 4 of Yr 11 or Term 1 of Yr 12</td>
<td>approx $92.00</td>
</tr>
<tr>
<td>Year 12 Leavers Breakfast:</td>
<td>Held in Term 4</td>
<td>approx $20.00</td>
</tr>
<tr>
<td>Year 12 Presentation Evening:</td>
<td>Held in Term 4</td>
<td>approx $25.00 per person</td>
</tr>
</tbody>
</table>
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 (University) Pathway Students: Select at least 5 University Pathway courses.
General Pathway Students must select at least one (maximum of two) VET or GENVET courses.

<table>
<thead>
<tr>
<th>General/VET/GENVET Pathway</th>
<th>ATAR (University) Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td></td>
</tr>
<tr>
<td>Foundation English FEENG</td>
<td></td>
</tr>
<tr>
<td>English General GEENG</td>
<td></td>
</tr>
<tr>
<td>English - ATAR AEENG</td>
<td></td>
</tr>
<tr>
<td>Literature - ATAR AELIT</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td></td>
</tr>
<tr>
<td>Foundation Maths FEMAT</td>
<td></td>
</tr>
<tr>
<td>Maths: Essentials General GEMAE</td>
<td></td>
</tr>
<tr>
<td>Maths: Applications ATAR AEMMA</td>
<td></td>
</tr>
<tr>
<td>Maths: Methods ATAR AEMAS</td>
<td></td>
</tr>
<tr>
<td>Maths Specialist ATAR AEMAS</td>
<td></td>
</tr>
<tr>
<td><strong>Arts</strong></td>
<td></td>
</tr>
<tr>
<td>Dance General GEDAN</td>
<td></td>
</tr>
<tr>
<td>Dance ATAR AEDAN</td>
<td></td>
</tr>
<tr>
<td>Drama General GEDRA</td>
<td></td>
</tr>
<tr>
<td>Drama ATAR AEDRA</td>
<td></td>
</tr>
<tr>
<td>Media Production &amp; Analysis General GEMPA</td>
<td></td>
</tr>
<tr>
<td>Media Production &amp; Analysis – ATAR AEMPA</td>
<td></td>
</tr>
<tr>
<td>Multimedia-CII in Creative Industries (Media) CUP20107</td>
<td></td>
</tr>
<tr>
<td>Music GENVET GEMUS</td>
<td></td>
</tr>
<tr>
<td>Cert III in Visual Arts CUV3011</td>
<td></td>
</tr>
<tr>
<td>Visual Arts ATAR AEVAR</td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td></td>
</tr>
<tr>
<td>Integrated Science General GEISC</td>
<td></td>
</tr>
<tr>
<td>Human Biology General GEHBY</td>
<td></td>
</tr>
<tr>
<td>Biology ATAR AEBLY</td>
<td></td>
</tr>
<tr>
<td>Chemistry ATAR AECHE</td>
<td></td>
</tr>
<tr>
<td>Human Biology ATAR AECHE</td>
<td></td>
</tr>
<tr>
<td>Integrated Science ATAR AECSC</td>
<td></td>
</tr>
<tr>
<td>Physics ATAR AEPHY</td>
<td></td>
</tr>
<tr>
<td>Psychology ATAR AEPHY</td>
<td></td>
</tr>
<tr>
<td><strong>Humanities and Social Sciences</strong></td>
<td></td>
</tr>
<tr>
<td>Ancient History General GEHIA</td>
<td></td>
</tr>
<tr>
<td>Geography General GE GEO</td>
<td></td>
</tr>
<tr>
<td>Economics ATAR AECO</td>
<td></td>
</tr>
<tr>
<td>Geography ATAR AEGEO</td>
<td></td>
</tr>
<tr>
<td>Modern History ATAR AEMIM</td>
<td></td>
</tr>
<tr>
<td>Politics and Law ATAR AEPAL</td>
<td></td>
</tr>
<tr>
<td><strong>Health and Physical Education</strong></td>
<td></td>
</tr>
<tr>
<td>Health Studies General GEHEA</td>
<td></td>
</tr>
<tr>
<td>Health Studies ATAR AHEHA</td>
<td></td>
</tr>
<tr>
<td>Outdoor Education General GEOED</td>
<td></td>
</tr>
<tr>
<td>Physical Education General GEPEST</td>
<td></td>
</tr>
<tr>
<td>Physical Education Studies GENVET GEPEST</td>
<td></td>
</tr>
<tr>
<td>Physical Education Studies ATAR AEPES</td>
<td></td>
</tr>
<tr>
<td><strong>Technology and Enterprise</strong></td>
<td></td>
</tr>
<tr>
<td>Accounting &amp; Finance GENVET GEACF</td>
<td></td>
</tr>
<tr>
<td>Accounting &amp; Finance ATAR AEACF</td>
<td></td>
</tr>
<tr>
<td>Business, Mgt and Enterprise General GE BME</td>
<td></td>
</tr>
<tr>
<td>Caring for Others (Infant/Child focus) GENVET GECFCF</td>
<td></td>
</tr>
<tr>
<td>Caring for Others (Independent Living Focus) - GENVET GECFCL</td>
<td></td>
</tr>
<tr>
<td>Computer Assisted Design--Tech Graphics General GEDEST</td>
<td></td>
</tr>
<tr>
<td><strong>Computer Science</strong> GENVET GECSC</td>
<td></td>
</tr>
<tr>
<td>Computer Science - ATAR AECSC</td>
<td></td>
</tr>
<tr>
<td><strong>Food Science &amp; Technology – General GEFST</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Textiles - MDT General</strong> GEMDTT</td>
<td></td>
</tr>
<tr>
<td><strong>Wood- MDT General</strong> GEMDTW</td>
<td></td>
</tr>
<tr>
<td><strong>Workplace Learning &amp; VET</strong></td>
<td></td>
</tr>
<tr>
<td>Workplace Learning ADWPL</td>
<td></td>
</tr>
</tbody>
</table>

If interested in an External VET Course (p28-29 of Curriculum Handbook) – industry of interest?