

# Year 11 Subject Selection Handbook 2027

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*Striving  
For* **Excellence**



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# INTRODUCTION

St. Andrew's Grammar is committed to providing a broad range of courses so that each student can find a pathway that will enable them to achieve success and a fulfilling career post-school.

All students can work towards the Western Australian Certificate of Education (WACE) and receive a Western Australian Statement of Student Achievement (WASSA) at the end of Year 12.

This handbook presents a summary of the possible courses available at St. Andrew's Grammar, and other necessary information to help Year 10 students and their parents/carers select successful pathways for Year 11 and 12.

This handbook does not stand alone; help, advice and information are available from Mrs Macdonald and all the St. Andrew's Grammar Secondary Teaching staff, your teachers, in particular. The School Curriculum and Standards Authority of Western Australia (SCSA) develops and accredits all Western Australian courses for Year 11 and Year 12 and further information about each course is also available from their website: [www.scsa.wa.edu.au](http://www.scsa.wa.edu.au)

**St. Andrew's Grammar offers a full range of courses covering all eight Learning Areas:**

- The Arts
- English
- Health and Physical Education
- Humanities and Social Sciences
- Languages
- Mathematics
- Science
- Technologies

It may not be possible to timetable some courses presented in this handbook, if they are chosen by a very small number of students. In some cases, subjects with very low numbers in both Year 11 and Year 12 may be composited so that they are taught in the same room at the same time.

Certain combinations may not be available where courses are timetabled to run at the same time, the timetable will be designed to suit the choices of most of the students.



## Dates to Note

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|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| Term 2, Week 9 - Tuesday         | 2026 Year 11 Subject Selection Information Evening     |
| Term 2, Week 10 - Monday         | Subject Selections <i>OPEN</i>                         |
| Term 2, Week 10 - Term 3, Week 3 | Subject Selection Interviews with Students and Parents |
| Term 3, Week 1 - Friday          | Subject Selections <i>CLOSE</i>                        |

## Expectations of Year 11 Students

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*Year 11 is an important transition for students in which you will have opportunities to:*

- choose six courses appropriate to your interests and abilities
- accept more responsibility for your own academic progress, your success, and your shortcomings
- begin to take on more significant leadership roles and responsibilities within the School
- use your experiences to refine and develop your interests and career paths

## What will Students be Working Towards?

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### Western Australian Statement of Student Achievement (WASSA)

The WASSA is issued to every Year 12 student at the completion of Year 12. It formally records a student's achievements during Year 11 and 12. This is a key document that students can use when applying for further training with TAFE, Universities or when seeking employment.

**The WASSA may list, as appropriate:**

- achievement of WACE requirements
- achievement of literacy (reading and writing) and numeracy standards
- school grades, marks, and combined scores in ATAR course
- school grades and marks in General and Foundation courses
- completed VET qualifications and units of competency
- completed endorsed programs
- service hours

### Western Australian Certificate of Education (WACE)

The Western Australian Certificate of Education (WACE) is awarded to students who have successfully completed senior secondary schooling in WACE studies and have met the WACE requirements. There are different pathways by which WACE may be achieved. This handbook outlines these different pathways. The WACE is recognised nationally by Universities and other tertiary institutions, industry, and training providers.

# WACE REQUIREMENTS

## To meet the WACE requirements, a student must:

- complete a minimum of twenty units in Year 11 and Year 12 (a year-long course is equal to two units of study)
- complete a minimum of ten units in Year 12, or the equivalent
- complete an English subject in both Year 11 and Year 12
- receive a total of fourteen C grades or higher (or equivalents) in Year 11 and 12 units, with a minimum of six C grades (or equivalents) in Year 12 units
- one pair of Year 12 units from List A and List B
- meet the literacy and numeracy standards (prequalifying in reading, writing and numeracy through the Year 9 NAPLAN or meet standards in OLNA)
- meet the achievement standards

St. Andrew's Grammar proposes to offer some of the following List A and List B subjects. Students will not be permitted to study a course that does not meet this requirement.

| <b>List A<br/>(Arts/Languages/Social Sciences)</b> | <b>List B<br/>(Mathematics/Science/Technology)</b> |
|----------------------------------------------------|----------------------------------------------------|
| English                                            | Health Studies                                     |
| English as an Additional Language/Dialect          | Physical Education Studies                         |
| Visual Art                                         | Outdoor Education                                  |
| Design: Photography                                | Mathematics Specialist                             |
| Drama                                              | Mathematics Methods                                |
| Dance                                              | Mathematics Applications                           |
| Music                                              | Mathematics Essentials                             |
| Business Management and Enterprise                 | Science in Practice                                |
| Ancient History                                    | Chemistry                                          |
| Modern History                                     | Human Biology                                      |
| Geography                                          | Physics                                            |
| Economics                                          | Psychology                                         |
| Children, Family and the Community                 | Biology                                            |
| Materials, Design & Tech - Textiles                | Food Science and Technology                        |
| Modern Greek                                       |                                                    |

## Achievement Standard

The achievement standard can be met through ATAR, General, and Foundation course, VET certificates or Endorsed Programs. Students must achieve fourteen C grades or higher (or equivalents) in Year 11 and Year 12 units, including at least six C grades (or equivalents) in Year 12 units.

## Units Equivalence

Students may use VET qualifications or Endorsed Programs to meet the twenty unit minimum required to achieve WACE. There are limits to the number of VET qualifications and Endorsed Programs that may contribute. Up to four Year 11 units and four Year 12 units may be used from completed VET or Endorsed Programs. However, Endorsed Programs may only replace up to two Year 11 course units and two Year 12 course units.

### For VET qualifications:

- a Certificate I is equivalent to two Year 11 units
- a Certificate II is equivalent to two Year 11 and two Year 12 units
- a Certificate III or higher is equivalent to two Year 11 and four Year 12 units

## Endorsed Programs

Endorsed Programs address areas of learning not covered by WACE courses or VET Certificates. An Endorsed Program is a significant learning program that has been developed for students in Years 10, 11 and 12. Examples include training courses developed by the Australian Air Force Cadets, independently administered Music exams conducted through Australian Music Examinations Board, Speech, and Drama courses. These programs can be delivered in a variety of settings by schools, community organisations, Universities, training organisations and workplaces. Endorsed Programs may replace up to two Year 11 course units and two Year 12 course units you need to achieve your WACE at a C grade level.

Students in the Perth Glory Academy will have the opportunity to complete work for submission as an Endorsed Program. If a student thinks they are participating in other activities that may be classified as an Endorsed Programs, it is important that they inform the Head of Secondary.

### ***UniReady is an Endorsed Program.***

All Endorsed Programs successfully completed and reported SCSA:

- are listed on the student's WASSA
- may contribute towards the depth requirement of the WACE
- may contribute maximum C grades of the WACE
- students selecting a Tertiary Preparation Endorsed Program (UniReady) will be required to complete at least one Year 12 ATAR course to achieve at least one unit equivalent towards WACE achievement.

# STUDY OPTIONS

Year 11 gives you the opportunity to choose courses that reflect your strengths, interests and support your career aspirations. If you enjoy the courses you study, you are more likely to do well. Year 11 students must select 6 courses.

## WACE Courses

There are 3 types of WACE courses – ATAR, General, and VET (Vocation Education Training). Students may take a mixture of these courses.

## Australian Tertiary Admission Rank (ATAR) courses

ATAR courses are designed for students who are aiming to enrol in a University course directly from school. These courses are examined by SCSA and contribute to the achievement of an ATAR. The ATAR is used to determine eligibility for University entrance. Students seeking to achieve an ATAR will need to complete a minimum of 4 Year 12 ATAR courses, excluding unacceptable combinations.

Students enrolled in Year 12 ATAR course pair of units are required to sit the external examination. Students who do not sit the examination will not:

- have a course mark or grade recorded on their WASSA
- receive an ATAR course report
- have the pair of units completed in that year contribute towards any of the WACE requirements

## General Courses

General courses are designed for students who are aiming to enter vocationally based training (TAFE) or join the workforce or seek alternative University entry programs once they have finished Year 12. These courses do not have an external examination. However, they each have an Externally Set Task (EST) which is set by SCSA.

Students who choose this pathway must complete 5 General courses or a combination of ATAR and General courses.

## Vocational Education and Training (VET) qualifications

St. Andrew's Grammar supports a broad range of VET programs to cater for students who wish to gain hands-on experience and prepare themselves for entry into the workplace. As well as school-based Certificate programs, there are also many TAFE and industry-based training opportunities available.

There is a cost associated with enrolling in a Certificate course. Students will also need to make their own way to courses run at TAFE centres. Parents will cover the cost of all required resources and travel expenditure associated with this option.



# PATHWAYS TO ACHIEVING WACE

All Year 11 students at St. Andrew's Grammar are expected to study 6 courses unless there are extenuating circumstances, and an exemption is sought from the Principal. Courses can be selected from ATAR, General, and the VET program. There are now 4 different pathways that students can use to achieve WACE. Before selecting subjects, the first decision that needs to be made is whether a student will follow an ATAR Pathway, General Pathway, or the VET Pathway.

*The difference between these pathways is outlined below:*

|                                 | VET                                                                       | GENERAL                                                                                                                                                                                  | GENERAL with UniReady                                                                                                            | ATAR                                                                    |
|---------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>YEAR 11</b>                  | Certificate IV plus ATAR English                                          | 5 General courses or up to 3 ATAR courses                                                                                                                                                | Minimum of 1 ATAR                                                                                                                | Minimum of 4 ATAR courses (Units 1 and 2)                               |
| <b>YEAR 12</b>                  | ATAR English plus other courses                                           | 5 General courses or up to 3 ATAR courses                                                                                                                                                | Minimum of 1 ATAR, 3 General courses plus 2 x UniReady courses                                                                   | Minimum of 5 ATAR + 1 General course, 4 ATAR plus 2 General is possible |
| <b>ASSESSMENTS</b>              | All units of competency must be completed to be awarded the qualification | Externally Set Tasks are compulsory for all students enrolled in General course in Year 12                                                                                               | Externally Set Tasks are compulsory for all students enrolled in General courses in Year 12 plus a pass in the UniReady course   | ATAR examinations are compulsory for students enrolled in Year 12       |
| <b>POST SCHOOL DESTINATIONS</b> | Equivalent ATAR 70                                                        | <b>ECU</b> - Preparation course<br><b>NOTRE DAME</b> - Foundation Year Program<br><b>CURTIN</b> - Enabling courses<br><b>MURDOCH</b> - Enabling courses<br><b>TAFE</b> - Apprenticeships | Equivalent ATAR of 70 for entry into most Western Australian Universities. Only certain programs will be available for enrolment | ATAR entry to university                                                |

# UNIVERSITY ENTRY

There are different ways that a student may gain entry to university: ATAR, Portfolio Entry, Preparation Courses and through completion of VET courses.

## Australian Tertiary Admission Rank (ATAR)

An Australian Tertiary Admission Rank is calculated using the school assessment and ATAR course examination results combined. The ATAR is used to determine eligibility for University entrance. To be considered for University entry as a school leaver you are expected to:

- meet the requirements for WACE
- study a minimum of 4 ATAR courses in Year 12 (Unit 3 and 4)
- achieve competence in English as prescribed by the individual Universities. UWA, Murdoch, ECU and Curtin require a scaled mark of at least 50 for any ATAR English course. For ECU only, English competency can also be achieved with a C grade or higher in any ATAR English course. Some Universities do have concessions available
- obtain a sufficiently high ATAR for entry into a course
- satisfy any prerequisites as stated by the university, for specific courses

## Calculating an ATAR

An ATAR ranges from 99.95 to zero and reports a student's rank position relative to all other students who are age appropriate to be in Year 12. It considers the number of students who sit the WACE examinations in any year and the number of people of Year 12 school leaving age in the total population. If you have an ATAR of 70.00, for example, it indicates that you have achieved as well as, or better than, 70% of the Year 12 school leaver age population in the state.

### *An ATAR is not a percentage.*

The ATAR allows the results of any WA student applying for university admission interstate to be directly compared with results in other states. All states (except Queensland) report student rankings as an ATAR.

You need at least 4 scaled scores for an ATAR to be calculated. The ATAR is calculated from your Tertiary Entrance Aggregate (TEA). Your TEA (Tertiary Entrance Aggregate) is the sum of your best 4 scaled scores. If you have studied Language Other Than English (LOTE) scaled score, Mathematics: Methods ATAR or Mathematics: Specialist ATAR, your TEA will also be comprised of a bonus 10% of your final score for those subjects as well (this is being revised by SCSA and may not apply after 2026). You will receive this bonus even if the course/s are not in your best 4.

## Alternative University Entry

It is possible to achieve entry to certain Universities courses without doing a full ATAR program by completing a Portfolio Entry, enrolling in a University Preparation Course, or by completing a VET Certificate IV. Please see the individual Universities' websites for up-to-date information.

If you are not committed to immediate University entry, then it is important to remember that State Training providers (TAFE):

- offer practical, vocational training and qualifications as alternative to University studies
- are recognised by most Universities and you may be able to qualify for University entry by this alternative route

# COURSE SELECTION PROCESS

Year 11 course selection at St. Andrew's Grammar is a collaborative process which involves the student, their parents/carers, and a variety of different staff members. Each student and their parents/carers will have the opportunity to meet with the Head of Secondary, Heads of Learning Areas or VET Coordinator, to discuss course selection. Each student's course selection will be reviewed by the Head of Secondary to ensure the best possible educational outcomes.

## What do I need to think about?

When selecting courses students need to consider the following questions:

- which courses do they find interesting?
- have they got the necessary academic background to be successful in their selections?
- do the proposed course selections maximise the student's post schooling options?

## Where can I get help?

Students can seek information about different courses from the Subject Area Teachers, Heads of Learning Areas and Head of Secondary. It is also important for students to start looking at the various University websites and published University Guides (available from the Universities websites), as well as State Training Providers (TAFE) websites to start developing ideas about what they would like to do after school.

The Tertiary Institutions Service Centre (TISC) also has a very good presentation to help people understand the University entry process as well information on the ATAR required for different course entry at different Universities plus information on prerequisite requirements ([www.tisc.edu.au](http://www.tisc.edu.au)).

It is important to listen to the guidance provided by St. Andrew's Grammar staff when selecting courses to study in both Year 11 and 12. They have the experience to predict how well students are likely to do in various subjects. 'Trying out' a course for a few weeks in Year 11 is strongly discouraged as it is extremely disruptive to a student's learning and may result in failing to meet the requirements for attaining a C Grade in the subject they are moving to and will leave the student with a lot of assessments to catch up on.

## ***Will all courses run?***

A student's final choice maybe restricted by:

- timetabling
- student demand for a course.

It is important that every student understands that the work in Year 11 and 12 is more difficult and more complex than in Years 7 to 10. It is typical that student results will drop by 10-15% from Year 10 to Year 11 due to the increased difficulty of the course work and the adjustment to a different workload. Students will need good study habits, be well organised and take increased responsibility for their learning with the support of their parents and teachers.

Each ATAR course will require a minimum of 2 ½ - 3 hours per week of home study, giving a total time for all courses of at least 15-18 hours per week. General courses will require a minimum of 1-2 hour per course per week.

## Can I change my mind?

Yes, you can but there are restrictions. Each year SCSA sets dates after which students are no longer able to change courses. If a student changes a course before the dates set by SCSA, they are expected to catch up on the work that has already been set and the assessment. Also, if a student wishes to change courses after the start of Year 11, the options will be limited to what is available in the timetable.

## How does course selection work at St. Andrew's Grammar?

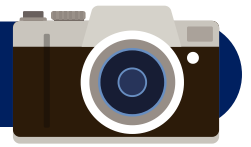
The following table outlines the process involved in course selection and some important dates.

| DATE                                | What will happen                                                                                                                                                                                                                                                                                           |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Term 2, Week 9                      | Parent Information Evening – provides an outline to Course Selection for Year 11 students in 2026                                                                                                                                                                                                          |
| Term 2, Week 10 (Mon)               | Course selections will open. Student and parents/carers will have 4 weeks in which to select their courses                                                                                                                                                                                                 |
| Term 2, Week 10 -<br>Term 3, Week 3 | Interviews with parents/carers and students will take place                                                                                                                                                                                                                                                |
|                                     | Students who have selected ATAR EALD, will need to complete, and submit to SCSA Form 1: EALD Eligibility ATAR Student at school within Australia. Once approved, this will provide student with the opportunity to enrol in Year 12 ATAR EALD as well as apply for extra OLNA accommodations, such as time |
| Term 3, Week 1 (Fri)                | Course selections close                                                                                                                                                                                                                                                                                    |
| 28 <sup>th</sup> November           | Final day to review of students' course selections based on Semester 2 achievement. Reselection of subjects if required (timetable permitting)                                                                                                                                                             |



# THE ARTS

Head of Learning Area - Shana O'Shea



## Course Description

In the Design General course students develop skills and processes for current and future industry and employment markets. Students are equipped with the knowledge and skills to understand design principles and processes, analyse problems, and devise innovative strategies through projects. Students will focus on the design context of photography. The goals of the Design General course are to facilitate a deeper understanding of how design works; and how ideas, beliefs, values, attitudes, messages, and information are effectively communicated to specific audiences with specific intentions or purposes via visual media forms. This course aims to achieve these goals by exposing students to a variety of communication forms and a thorough exploration of design. Design projects allow students to demonstrate their skills, techniques and application of design principles and processes; to analyse problems and possibilities; and to devise innovative strategies within design contexts. There is potential for students to develop transferable skills and vocational competencies while devising innovative designs.

In this course, students develop a competitive edge for current and future industry and employment markets. This course also emphasises the scope of design in professional and trade-based industries allowing students to maximise vocational and/or university pathways.

## Prerequisites

It is recommended that students have completed photography in either Year 9 or Year 10.

## Career Pathways

Product design, Graphic design, Freelance photographer, photojournalist, Web Design.

## Year 11

### Unit 1: Design Fundamentals

The focus of this unit is to introduce design process and practice. Students learn that design can be used to provide solutions to design problems and communication needs.

### Unit 2: Personal Design

The focus of this unit is personal design. Students learn that they visually communicate aspects of their personality, values and beliefs through their affiliations and their manipulation of personal surroundings and environments.

## Year 12

### Unit 3: Product Design

The focus for this unit is product design. Students learn that the commercial world is comprised of companies, requiring consumer products, services, and brands for a particular audience.

### Unit 4: Cultural Design

My place in the community Students examine the effect on an individual's development and wellbeing in a society characterised by rapid change. They explore contemporary Australian issues or trends relating to families and communities and are introduced to a range of advocacy type.





## Course Description

The Drama ATAR course focuses on drama in practice as students integrate their knowledge and skills. They use the elements and conventions of drama to develop and present ideas and explore personal and cultural issues. They engage in drama processes, such as improvisation and text interpretation which allow them to create drama and interpret a range of texts written or devised by others. Their work in this course includes production and design aspects, such as sets, costumes, props, sound and lighting. Increasingly, students use technologies, such as digital sound and multimedia. They present drama to a range of audiences and work in different performance settings.

## Prerequisites

B grade or above in Year 10 English

B grade or above in Year 10 Drama

## Career Pathways

The ATAR Drama course fosters creative thinking, collaboration, and communication skills, opening pathways to careers in the performing arts, media, education, and event management. Students gain valuable experience in performance and production, as well as the academic rigour of written analysis and reflection, preparing them for both arts-related careers and broader fields such as law, psychology, communications, and education.

## Year 11

### Unit 1: *Realism and Representational Drama*

In this unit, students have the opportunity to research and collaboratively workshop, interpret and perform drama texts in forms and styles related to realism and representational drama. Within the focus of realism and representational drama, students must investigate the approach of Konstantin Stanislavski. The investigation will include: the background, the ideology and the application of the approach in rehearsal and/or performance. In the context of drama in rehearsal, performance and response, students create, understand, select and combine drama language, contextual knowledge, performance and production using oral and written communication.

### Unit 2: *Non-Realism and Presentational Drama*

In this unit, students have the opportunity to research and collaboratively workshop, interpret and perform drama texts related to non-realism and presentational drama. Within the focus of non-realism and presentational drama, students must investigate the approach of Bertolt Brecht. The investigation will include: the background, the ideology and the application of the approach in rehearsal and in performance. In the context of drama in rehearsal, performance and response, students create, understand, select and combine drama language, contextual knowledge, performance and production using oral and written communication.

## Year 12

### Unit 3: *The Realisation of Drama Text, Context, Forms and Styles*

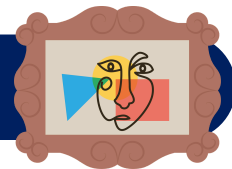
Within the focus of Unit 3, students must investigate the approach of one of the following: Anne Bogart and Tina Landau, Uta Hagen, Robert Cohen, David Mamet, Maria Knebel and Sharon Marie Carnicke, Rudolf Laban. The investigation must include: the background, the ideology, the application of the approach (psychological and/or physical) in rehearsal and/or performance.

### Unit 4: *The Approach to and Interpretation of Drama Texts, Contexts, Forms and Styles*

Within the focus of Unit 4, students must investigate the approach of one of the following: Antonin Artaud, Frantic Assembly, Steven Berkoff, Jacques Lecoq, Jerzy Grotowski, Complicité. The investigation must include: the background, the ideology, the application of the approach (psychological and/or physical) in rehearsal and performance. This unit builds on the content covered in Unit 3.

**\*Units 1-4 ALL** include the knowledge, understandings and skills described below.

In the context of drama in rehearsal, performance and response, students create, understand, select and combine drama language, contextual knowledge, performance and production using oral and written communication. **In Units 3 & 4 this is the examinable content.**



## Course Description

The Visual Art course encourages students to express original ideas and feelings creatively through resolved artworks. Students are given a themed project brief each semester and work in a progressive and explorative manner to produce a highly resolved unique artwork. Each project has flexibility for student modification and encourages individuals to focus on a preferred media in order to achieve a level of mastery in technique. The ATAR course provides opportunities for applied learning but there is a focus on academic learning, suitable for students aspiring to university entry. Students gain knowledge, understanding and appreciation of art and culture, both in Australian and international contexts. They analyse and evaluate their own works and the works of others from a range of historical and cultural viewpoints and develop an appreciation of the role of art in the community and their daily lives. Through their art experiences, they come to an understanding of broader questions about the values and attitudes held by individuals and societies and gain an awareness of the role that art plays in reflecting, challenging, and shaping societal values.

## Prerequisites

B or above in Year 10 Visual Art

B or above in Year 10 English

## Career Pathways

Careers in museums, galleries, art education, crafts related fields, graphic design, illustration, photography. Careers that require creative thinking and problem-solving skills.

## Year 11

### Unit 1: Experiences

Students develop artworks based on personal experiences. They participate in selected art experiences aimed at developing a sense of observation. Students discover ways to compile and record their experiences through art activities and projects that promote understanding of visual language. They use experiences to develop appreciation of the visual arts in their everyday lives and acquire art skills using processes of experimentation and discovery.

### Unit 2: Explorations

Students explore ways to generate and develop ideas using stimulus materials and explorations from their local environment. They investigate the work of other artists, learn to identify stylistic features of art forms, and explore ways to manipulate art elements and principles to generate, develop and produce their own artwork. They manipulate media and materials in a range of art forms, recording and reflecting on their artistic achievements. In developing course matter for artworks, students explore ways to express personal beliefs, opinions, and feelings.

## Year 12

### Unit 3: Differences

Students explore approaches to drawing and understand that each artist has their particular way of making marks to convey personal vision. They examine how visual language and media choices convey function and meaning, and use media and technologies to explore, create, and communicate ideas. They recognise that visual artwork is subject to different interpretations and develop awareness of styles of representation, examining distinctly individualistic approaches of various artists.

### Unit 4: Identities

Students use stimulus materials and investigative approaches as starting points to create artwork. They develop a personal approach to the development of ideas and concepts, making informed choices about the materials, skills, techniques, and processes used to resolve and present their artwork. They develop an awareness of how the visual arts may be both socially confirming and questioning, analyse their own cultural beliefs and values, and develop deeper understandings of their own personal visual arts heritage.



## Course Description

Students express original ideas and feelings creatively through resolved artworks. They are given a themed project brief each semester and work in a progressive and explorative manner to produce a highly resolved unique artwork. Each project has flexibility for student modification and encourages individuals to focus on a preferred media in order to achieve a level of mastery in technique. Innovation is encouraged through a process of inquiry, exploration, and experimentation. They engage in art making processes in traditional and new media areas which involve exploring, selecting, and manipulating materials, techniques, processes, emerging technologies, and responses to life. This course allows students to engage in traditional, modern, and contemporary art forms and conventions, such as sculpture, painting, drawing, graphic design, printmaking, collage, ceramics, earth art, video art, installations, textiles, performance, photography, montage, multimedia, and time-based works and environments. Students gain knowledge, understanding and an appreciation of art and culture, both in Australian and international contexts. They research artists and movements from the history of art, and use the elements and principles of design to assist in making informed evaluations of art.

## Prerequisites

Visual Art in Year 10

Visual Art in Year 9 (recommended)

## Career Pathways

Careers in museums, galleries, art education, crafts related fields, graphic design, illustration, photography. Careers that require creative thinking and problem-solving skills.

## Year 11

### Unit 1: Experiences

Students develop artworks based on personal experiences. They participate in selected art experiences aimed at developing a sense of observation. Students discover ways to compile and record their experiences through art activities and projects that promote understanding of visual language. They use experiences to develop appreciation of the visual arts in their everyday lives and acquire art skills using processes of experimentation and discovery.

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## Year 12

### Unit 3: Differences

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# ENGLISH

Head of Learning Area - *Pauline Crisp*





## Course Description

The English ATAR course focuses on developing students' analytical, creative, and critical thinking and communication skills. In this course, students will engage with a range of texts in a variety of modes; they will read novels, short stories, memoirs, and poems; they will view documentaries, films, television episodes, advertisements, and photographs; they will listen to speeches, song lyrics and spoken-word poetry. Through close study and wide reading, viewing, and listening, students will develop the ability to analyse and evaluate the purpose, stylistic qualities, and conventions of the texts they encounter. Students will also enjoy creating their own imaginative, interpretive, persuasive, and analytical responses in a range of written, oral, multimodal, and digital forms. The English ATAR course is designed to foster an appreciation of the beauty and versatility of the English language, as students engage with texts from their contemporary world, with texts from the past, from Australia and from other cultures.

## Prerequisites

B or above in Year 10 English

## Career Pathways

Students develop their oral and written communication skills and learn critical analysis - skills that are helpful in any career, but particularly in areas such as education, journalism, media, business, law and diplomacy, politics, travel, and tourism.

## Year 11

### Unit 1: *Language, Text, Purpose, Context*

Students explore how meaning is communicated through the relationships between language, text, purpose, context, and audience. Through responding to and creating texts, students consider how language, structure and conventions operate in a variety of imaginative, interpretive, and persuasive texts. Study in this unit focuses on the similarities and differences between texts and how visual, spoken, and written elements combine to create meaning.

### Unit 2: *Language and Structural Choices*

Students analyse ideas, attitudes, and voices in texts to consider how texts represent the world and human experience. They study the interplay of imaginative, interpretive, persuasive, and analytical elements in texts and present their own analyses. They critically examine the effect of stylistic choices and how they position audiences for particular purposes, revealing and/or shaping attitudes, values, and perspectives. Students are encouraged to reflect on their language choices and consider why they have represented ideas in particular ways in their own texts.

## Year 12

### Unit 3: *Language, Genre, and Context*

Students explore representations of themes, issues, ideas, and concepts in diverse texts. They analyse and compare the relationships between language, genre, and contexts, comparing texts within and/or across different genres and modes. Students recognise and analyse the conventions of genre in texts and consider how those conventions may assist interpretation. Students compare and evaluate the effect of different media, forms, and modes on the structure of texts and how audiences respond to them.

### Unit 4: *Interpretations and Perspectives*

Students examine different interpretations and perspectives to extend their knowledge of purpose and style. They challenge perspectives, values, and attitudes in texts, developing and testing their own interpretations through debate and argument. Students explore relationships between content and structure, voice and perspectives, and the text and context. Students demonstrate understanding of the texts studied through creation of imaginative, interpretive, persuasive, and analytical responses.



## Course Description

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, education, training, and workplace contexts. This course is designed to empower students to succeed in a wide range of post-secondary pathways. The course develops students' language, literacy, and literary skills to enable them to communicate successfully both orally and in writing, and to enjoy and value using language for both imaginative and practical purposes. Students comprehend, analyse, interpret, and evaluate the content, structure, and style of a wide variety of oral, written, multimodal, digital and media texts. Students learn how the interaction of structure, language, audience, and context helps to shape how the audience makes meaning. Both independently and collaboratively, they apply their knowledge to create analytical, imaginative, interpretive, and persuasive texts in different modes and media.

## Prerequisites

C or above in Year 10 English

## Career Pathways

Students develop their skills in oral and written communication, needed for all careers to some extent.

## Year 11

### Unit 1: *Comprehending and Responding*

Students employ strategies to assist comprehension, and read, view, and listen to texts to connect, interpret, and visualise ideas. They learn how to respond personally and logically to texts by questioning, using inferential reasoning and determining the importance of content and structure. Students consider how organisational features of texts help the audience to understand the text and communicate ideas and information clearly and correctly in a range of contexts. They apply their understanding of language through the creation of texts for different purposes.

### Unit 2: *Interpreting Ideas and Arguments*

Students analyse text structures and language features and identify the ideas, arguments and values expressed. They consider the purposes and possible audiences of texts and examine the connections between purpose, structure, and context. Students integrate relevant information and ideas from texts to develop their own interpretations. They create texts using persuasive, visual and literary techniques to engage audiences in a range of modes and media.

## Year 12

### Unit 3: *Exploring Different Perspectives*

Students explore attitudes, text structures and language features to understand a text's meaning and purpose. They examine relationships between context, purpose and audience in different language modes and texts. Students consider how perspectives and values are presented in texts to influence audiences and develop their own interpretations when responding to texts. They learn how to communicate logically, persuasively, and imaginatively in different contexts, using a variety of types of texts.

### Unit 4: *Community, Local and Global Issues*

Students explore how ideas, attitudes and values are presented by synthesising information from sources to develop independent perspectives. They analyse how authors influence and position audiences and develop reasoned responses to these in text forms for a variety of audiences. Students construct and clearly express coherent, logical, and sustained arguments. They consider purpose and audience response when creating their own persuasive, analytical, imaginative, and interpretive texts.





## Course Description

The English as an Additional Language or Dialect (EAL/D) ATAR course focuses on language learning and the explicit teaching of the structure, linguistic features, and sociolinguistic and sociocultural aspects of Standard Australian English (SAE). Through close study of language and meaning, students of English as an Additional Language or Dialect explore how learning in and through English language and literature influences their own and others' personal, social, and cultural identities and thought processes. They develop skills that enable them to use different registers of spoken and written SAE so they can communicate effectively in a range of contexts and for a variety of purposes in order to become effective cross-cultural users of language and dialect. In the Western Australian context, the English as an Additional Language or Dialect ATAR course makes specific provision for the development of SAE by users of Aboriginal English (AE) in a bi-dialectal approach based on the growing understanding of Aboriginal English as a marker of identity and deep level cultural conceptualisations. The English as an Additional Language or Dialect ATAR course provides opportunities for students to engage reflectively and critically with a broad range of spoken, written and multimodal texts, including literary and non-literary texts, for example, academic, every day and workplace texts. Students learn to create, individually and collaboratively, increasingly complex texts for different purposes and audiences in different forms, modes, and media.

## Prerequisites

Entry to this course must be approved by the teacher and is also based on detailed guidelines provided by SCSA.

## Career Pathways

Careers that require creative thinking, problem-solving skills and English Competence.

## Year 11

**Unit 1** focuses on investigating how language and culture are interrelated and expressed in a range of contexts. Students develop an understanding of text structures and language features and the relationship between these structures and features and the context, purpose and audience is explored. The unit will enhance students' confidence in creating texts and broaden their understanding of the sociocultural and sociolinguistic elements of SAE and develop skills for research and further academic study.

**Unit 2** focuses on analysing and evaluating perspectives and attitudes presented in texts and creating extended texts for a range of contexts. SAE language skills for effective communication in an expanding range of contexts are consolidated. The use of cohesive text structures and language features is developed. The unit focuses on developing planning and editing skills to create extended oral, written, and multimodal texts. Attitudes, values, and culturally based assumptions within texts are identified, analysed, and compared. Strategies for collecting, analysing, organising, and presenting ideas and information are refined.

## Year 12

**Unit 3** focuses on analysing how language choices are used to achieve different purposes and effects in a range of contexts. SAE language skills are developed and the ways in which language choices shape meaning and influence audiences are explored. The representation of ideas, attitudes, and values and how these vary across cultures and within different contexts, particularly the Australian context, is analysed and evaluated.

**Unit 4** focuses on analysing, evaluating, and using language to represent and respond to issues, ideas, and attitudes in a range of contexts. Critical use of SAE for a range of contexts, purposes and audiences is developed. Independent and collaborative investigation and analysis are used to explore how language and texts achieve specific purposes and effects. Extended oral, written and multimodal texts and presentations are created, adapted, and refined for a variety of contexts, purposes, and audiences. Effective research strategies and referencing protocols are used to present ideas, information, conclusions, arguments, and recommendations.





## Course Description

The English as an Additional Language or Dialect (EAL/D) General course focuses on language learning and the explicit teaching of the structure, linguistic features, and sociolinguistic and sociocultural aspects of Standard Australian English (SAE). Through close study of language and meaning, students of the English as an Additional Language or Dialect General course explore how learning in and through English language and literature influences their own and others' personal, social, and cultural identities and thought processes. They develop skills that enable them to use different registers of spoken and written SAE so they can communicate effectively in a range of contexts and for a variety of purposes in order to become effective cross-cultural users of language and dialect. In the Western Australian context, the English as an Additional Language or Dialect General course makes specific provision for the development of SAE by users of Aboriginal English (AE) in a bi-dialectal approach based on the growing understanding of Aboriginal English as a marker of identity and deep level cultural conceptualisations. The English as an Additional Language or Dialect General course provides opportunities for students to engage reflectively and critically with a broad range of spoken, written and multimodal texts, including literary and non-literary texts, for example, academic, everyday and workplace texts. Students learn to create, individually and collaboratively, increasingly complex texts for different purposes and audiences in different forms, modes, and media.

## Prerequisites

Entry to this course must be approved by the teacher and is also based on detailed guidelines provided by SCSA.

## Career Pathways

Careers that require creative thinking, problem-solving skills and English Competence.

## Year 11

**Unit 1** focuses on investigating how language and culture are interrelated and expressed in a range of contexts. Students develop an understanding of text structures and language features and the relationship between these structures and features and the context, purpose and audience is explored. The unit will enhance students' confidence in creating texts and broaden their understanding of the sociocultural and sociolinguistic elements of SAE and develop skills for research and further academic study.

**Unit 2** focuses on responding to and creating connected extended texts in personal, social, community and workplace contexts in SAE. The ability to use SAE language skills to communicate for a range of purposes is evident in the creation of oral, written, and multimodal texts required in the workplace and some academic contexts. Some cultural assumptions are explored and explained through the study of a variety of texts, including popular and literary texts. Strategies for collecting, organising, and presenting ideas and information are consolidated.

## Year 12

**Unit 3** focuses on responding to and creating connected extended texts in personal, social, community and workplace contexts in SAE. The ability to use SAE language skills to communicate for a range of purposes is evident in the creation of oral, written, and multimodal texts required in the workplace and some academic contexts. Some cultural assumptions are explored and explained through the study of a variety of texts, including popular and literary texts. Strategies for collecting, organising, and presenting ideas and information are consolidated.

**Unit 4** focuses on analysing, evaluating, and using language to represent and respond to issues, ideas, and attitudes in a range of contexts. By extending and consolidating language and communication skills, critical use of SAE for a range of contexts, purposes and audiences is developed. Independent and collaborative investigation and analysis are used to explore how language and texts achieve specific purposes and effects. Extended oral, written and multimodal texts and presentations are created, adapted, and refined for a variety of contexts, purposes, and audiences. Effective research strategies and referencing protocols are used to present ideas, information, conclusions, arguments, and recommendations.



# HEALTH & PHYSICAL EDUCATION

Head of Learning Area - Pat Squire



## Course Description

The Health Studies ATAR course focuses on the study of health as a dynamic quality of human life. Students undertaking this course develop the knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health. Using an inquiry process, students draw on their knowledge and understandings of health concepts and investigate health issues of interest. This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative, and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments.

## Prerequisites

C or above in Year 10 English

B or above in Year 10 Health

## Career Pathways

Health Science, Nursing, Age Care, Midwifery, Mental health, Health Support Services and Occupational Safety and Health consultancy.

## Year 11

**Unit 1** focuses on the health of individuals and communities. Students learn about health determinants and their impact on health. Health promotion is explored and used as a framework for designing approaches to improve health. Students examine attitudes, beliefs and norms and their impact on decision-making, and develop a range of key health skills.

**Unit 2** focuses on the impact of factors influencing the health of communities. Students learn about community development and how community participation can improve health outcomes. Students examine the influence of attitudes, beliefs, and norms on community health behaviours; apply investigative and inquiry processes to analyse issues influencing the health of communities; and develop appropriate responses.

## Year 12

**Unit 3** focuses on the health of specific populations and reasons why some groups do not enjoy the same level of health as the general population. Students learn about factors creating these disparities and ways of improving the health and wellbeing of specific groups. Students apply inquiry skills to examine and interpret data and explain and respond to inequities in health.

**Unit 4** focuses on local, regional, and global challenges to health. Students learn about the impact of determinants on global health inequities and explore approaches to address barriers preventing groups from experiencing better health. Students apply well-developed health inquiry skills to analyse health issues, develop arguments and draw evidence-based conclusions.



## Course Description

The Health Studies General course focuses on the study of health as a dynamic quality of human life. Students undertaking this course develop the 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.

This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments.

## Prerequisites

C or above in Year 10 English

C or above in Year 10 Health

## Career Pathways

Health Science, Nursing, Age Care, Midwifery, Mental health, Health Support Services and Occupational Safety and Health consultancy.

## Year 11

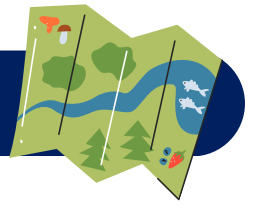
**Unit 1** focuses on personal health and wellbeing and what it means to be healthy. Students explore factors which influence their health, and design action plans to improve health and achieve set goals. Key consumer health skills and concepts, and the relationship between beliefs, attitudes, values and health behaviour, and the impact of social and cultural norms, are introduced. Key self-management and interpersonal skills required to build effective relationships are explored. Health inquiry skills are developed and applied to investigate and report on health issues.

**Unit 2** focuses on personal health and introduces the many factors which influence health. The notion of prevention is central to this unit, and students explore actions, skills and strategies to cope with health influences and improve health. In addition to health determinants, the influence of cognitive dissonance on decision making and the role of communities in shaping norms and expectations are explored. Self-management and cooperative skills are examined and students continue to develop and apply health inquiry skills.

## Year 12

**Unit 3** focuses on the health of specific populations and reasons why some groups do not enjoy the same level of health as the general population. Students learn about factors creating these disparities and ways of improving the health and wellbeing of specific groups. Students apply inquiry skills to examine and interpret data and explain and respond to inequities in health.

**Unit 4** focuses on the impact of health determinants on personal and community health. The concept of community development and the importance of participation and empowerment is introduced. Students learn about how chronic conditions are defined in the National Strategic Framework. The use of social marketing in health is explored and students are introduced to emotional intelligence as a mechanism for perceiving, controlling and evaluating emotions. Students continue to refine inquiry skills as they address relevant issues and produce insightful and well-researched reports.



## Course Description

This course aims to develop an understanding of our relationships with the environment, others, and ourselves. The ultimate goal of the course is to contribute towards a sustainable world. The Outdoor Education General course is based on the experiential learning cycle which is made up of three stages: plan, do and review. Students plan for outdoor experiences, participate in these experiences, and reflect on their involvement. Students develop self-awareness by engaging in a range of challenging outdoor activities. They enhance personal and group skills, and build confidence, empathy, self-understanding, leadership skills and decision-making abilities, while showing respect for self, others, and the environment. The opportunity to explore environmental management strategies related to activities in the outdoors is provided. Students learn skills that encourage them to minimise their impact on the environment and understand why this is important.

## Prerequisites

Swimming competency

Good standing in PE department

Recommended Outdoor Education in Year 9 or 10

## Career Pathways

Outdoor leadership, environmental interpretation, environmental planning, facilities management, eco- tourism, military service, outdoor education, and many unforeseen areas evolving in the outdoor industry.

## Year 11

### Unit 1: *Experiencing the Outdoors*

Students are introduced to outdoor activities to develop technical skills and apply safe practices. They understand basic planning and organisational requirements to participate in safe, short adventure expeditions and develop skills in roping and navigation. Students are introduced to self-awareness, communication, and leadership skills. Examples of environmental management and 'Leave No Trace' principles are introduced.

### Unit 2: *Facing Challenges in the Outdoors*

Students are encouraged to step out of their comfort zone in a range of challenging outdoors activities. They consider planning and resource requirements for extended expeditions, and are introduced to simple risk assessment models to assist decision making and apply safe practices to challenging situations and environments. They develop time management, goal setting, and leadership skills and learn strategies to promote effective groups. Features of natural environments, weather, conservation, biodiversity, and environmental management plans are introduced. Areas of specialist focus: kayak, canoe, orienteering, bushwalking.

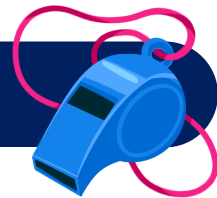
## Year 12

### Unit 3: *Building Confidence in the Outdoors*

Students participate in outdoor adventure activities, improve their technical skills, apply appropriate practices to ensure safe participation and develop survival skills. Students develop personal skills related to coping and adapting to change. Features and relationships in natural environments are examined. Weather, patterns, and forecasting are introduced. Students develop a greater understanding of human interactions with nature, past and present. Sustainability and local issues are examined.

### Unit 4: *Outdoor Leadership*

Students consider planning and organisational requirements to participate in positive and safe, short expeditions. They continue to develop navigational skills and respond to an emergency in the outdoors. Students develop commitment, tolerance, resilience, and conflict resolution skills. They lead briefing and debriefing sessions and appraise their own and others' leadership skills. Students apply strategies to minimise human impact on natural environments. They explore sustainability projects and understand environmental responsibility. Areas of specialist focus: snorkelling, SUP, mountain bike, bronze medallion, campcraft.



## Course Description

The Physical Education Studies General course contributes to the development of the whole person. It promotes the physical, social, and emotional growth of students. Throughout the course, emphasis is placed on understanding and improving performance in physical activities. The integration of theory and practice is central to studies in this course. This course focuses on the complex interrelationships between motor learning and psychological, biomechanical, anatomical, and physiological factors that influence individual and team performance. Students engage as performers, leaders, coaches, analysts, and planners of physical activity. Physical activity serves both as a source of content and data, and as a medium for learning. Learning in this course cannot be separated from active participation in physical activities and involves students in closely integrated written, oral, and physical learning experiences based upon the study of selected physical activities. In each unit of this course, students will further their understanding and skills in the areas: Motor Learning and Coaching, Functional Anatomy, Biomechanics, Exercise Physiology and Sport Psychology. The course appeals to students with varying backgrounds, physical activity knowledge and dispositions. This course is 70% theoretical and 30% practical with the teaching and assessments reflecting this.

## Prerequisites

C or above in Year 10 English

B or above in Year 10 Physical Education

## Career Pathways

Sports science, physiotherapy, nutrition, exercise physiology and rehabilitation, personal training, Physical Education teaching, occupational therapy, coaching and psychology.

## Year 11

### Unit 1: *Anatomical and Biomechanical Concepts*

The focus of this unit is to explore anatomical and biomechanical concepts, the body's responses to physical activity, and stress management processes, to improve the performance of themselves and others in physical activity.

### Unit 2: *Skills, Strategy, and Body*

The focus of this unit is to identify the relationship between skill, strategy, and the body in order to improve the effectiveness and efficiency of performance.

## Year 12

### Unit 3: *Performance Improvement*

The focus of this unit is to provide opportunities for students to build upon their acquired physical skills and biomechanical, physiological, and psychological understandings to improve the performance of themselves and others in physical activity.

### Unit 4: *Extending Understanding*

The focus of this unit is to extend the understanding by students of complex biomechanical, psychological, and physiological concepts to evaluate their own and others' performance.





## Course Description

The Physical Education Studies General course contributes to the development of the whole person. It promotes the physical, social, and emotional growth of students. Throughout the course, emphasis is placed on understanding and improving performance in physical activities. The integration of theory and practice is central to studies in this course. This course focuses on the complex interrelationships between motor learning and psychological, biomechanical, anatomical, and physiological factors that influence individual and team performance. Students engage as performers, leaders, coaches, analysts, and planners of physical activity. Physical activity serves both as a source of content and data, and as a medium for learning. Learning in this course cannot be separated from active participation in physical activities and involves students in closely integrated written, oral, and physical learning experiences based upon the study of selected physical activities. In each unit of this course, students will further their understanding and skills in the areas: Motor Learning and Coaching, Functional Anatomy, Biomechanics, Exercise Physiology and Sport Psychology. The course appeals to students with varying backgrounds, physical activity knowledge and dispositions. This course is 50% practical and 50% theoretical with the teaching and assessments reflecting this.

## Prerequisites

Good standing in Physical Education Department  
C or above in Year 10 English  
C or above in Year 10 Physical Education

## Career Pathways

Sport, leisure and recreation industries, education, sport development, youth work, and health and medical fields linked to physical activity and sport. Volunteer and leadership roles in community activities.

## Year 11

### Unit 1: *Physical Skills and Tactics*

The focus of this unit is the development of knowledge, understanding and application of anatomical, physiological, and practical factors associated with performing in physical activities. The unit will focus on developing physical skills and tactics. Students will learn about related principles, including the major functions of bones, the role of biomechanics, components of performance related fitness, and mental preparation for physical activity.

### Unit 2: *Anatomical and Physiological Systems*

Students study the impact of physical activity on the body's anatomical and physiological systems. They are introduced to concepts that support performance as team members and individuals, including the basic elements of a training session, the function of the circulatory system, biomechanical principles relating to motion, the response of the respiratory system to exercise and mind sets to improve performance.

## Year 12

### Unit 3: *Movement, Anatomy, and Motor Learning*

The focus of this unit is simple movement, biomechanical, physiological, psychological, functional anatomy, and motor learning concepts. The understanding of the relationship between skill, movement production and fitness will be further enhanced as students develop and improve.

### Unit 4: *Movement Competency*

The focus of this unit is for students to assess their own and others' movement competency and identify areas for improvement. They will build on their knowledge of training principles, nutrition, and goal setting concepts to enhance their own and others' performance in physical activity.





# **HUMANITIES AND SOCIAL SCIENCES**

Head of Learning Area - Scott Dickson



## Course Description

The Business Management and Enterprise ATAR course focuses on business planning, marketing and growth, and opportunities provided for business by technology and the global environment. Students examine factors that drive international business developments, the features and traits of successful management, and how businesses operate strategically to maximise business performance in a global setting.

Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to apply financial and business literacy, analyse business opportunities, evaluate business performance, identify and create opportunities, and make sound, ethical business decisions within a business environment. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

## Prerequisites

B or above in Year 10 HASS

C or above in Year 10 English

## Career Pathways

The study of Business Management and Enterprise provides students with an understanding of how businesses operate, and the skills required to participate in a range of business activities. Students develop knowledge in areas such as management, marketing, finance, and business planning. This course can support further study and employment in fields including (but not limited to): Business Administration, Accounting, Marketing, Finance, Human Resources, Economics, Public Relations, Event Management, and Business Development.

## Year 11

### Unit 1: *Business Success at the National Level*

The focus of this unit is on success in business at a national level. It explores what it takes to be successful beyond the initial start-up stage. Students investigate the features of successful marketing campaigns and report on how businesses succeed and prosper through methods, such as expansion in products, market share or diversification.

### Unit 2: *Business Growth at the National Level*

The focus of this unit is on business growth and the challenges faced by businesses expanding at a national level. The unit explores issues in the business environment, including the importance of intellectual property in protecting business ideas. The unit addresses the significance of employee motivation and the development of a business plan in the overall success of expansion.

## Year 12

### Unit 3: *International Business Growth*

The focus of this unit is on strategic international business growth. The unit explores the need for global expansion and change management. It also addresses the opportunities provided by the global environment and the factors that drive international business development.

### Unit 4: *Global Business Operations*

The focus of this unit is on global business operations. The unit explores how businesses operate strategically and examines the features and traits of successful management. It addresses the significance of strategic planning and the concept of competitive advantage.



## Course Description

Economics investigates the choices which all people, groups and societies face as they attempt to resolve 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 Economics ATAR course develops reasoning, logical thinking and interpretation skills demanded by the world of work, business and government. Economic literacy developed through this course enables students to actively participate in economic and financial decision-making, which promotes individual and societal wealth and wellbeing. The emphasis of the course is on the Australian economy.

## Prerequisites

B or above in Year 10 HASS

C or above in Year 10 English

## Career Pathways

Economics teaches students a wide range of useful and analytical skills which are useful for business and public organisations. These include, and are not limited to: Economist, Financial Planner, Accountant, Data Consultant, Lawyer, Developmental Economist (United Nations, Human Rights), Banker, Teacher, Businessman/women, Environmentalist, Health and Welfare Economist, Marketing and Management Planner, Politician.

## Year 11

### Unit 1: Microeconomics

This unit introduces microeconomics and explores the role of the market in determining the wellbeing of individuals and society. Students explore the workings of real-world markets with an emphasis on the Australian economy.

### Unit 2: Macroeconomics

This unit introduces macroeconomics and explores economic growth, inflation and unemployment with an emphasis on the Australian economy. Students learn it is important to measure and monitor changes in these macroeconomic indicators as changes in the level of economic activity affect the wellbeing of individuals and society.

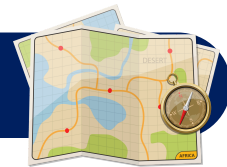
## Year 12

### Unit 3: Australia and the Global Economy

This unit explores the interdependence of Australia and the rest of the world. Australia is a relatively open economy and, as such, is influenced by changes in the world economy.

### Unit 4: Macroeconomic Theory and Economic Policy

This unit explores the economic objectives of the Australian Government and the actions and policies taken in the pursuit of these objectives. Changes in the level of economic activity influence the policy mix and the government's capacity to achieve its objectives.



## Course Description

The study of the Geography ATAR course draws on students' curiosity about the diversity of the world's places and their peoples, cultures and environments. It provides students with the knowledge and understanding of the nature, causes and consequences of natural and ecological hazards, international integration in a range of spatial contexts, land cover transformations, and the challenges affecting the sustainability of places. In the ATAR course, students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports.

## Prerequisites

B or above in Year 10 HASS

C or above in Year 10 English

## Career Pathways

Geography teaches young people a wide range of useful skills for the marketplace, including research and analytical talents that translate well to the workforce. These jobs include (but are not limited to): Urban planner, Community Developer, Cartographer, GIS Specialist, Climatologist, Transportation and Shipping Manager, Environmental Manager, Writer/Researcher, Teacher, Emergency Manager, Demographer, Marketer, Foreign Service, Librarian, National Park Ranger, Real Estate Appraiser.

## Year 11

### Unit 1: *Natural and Ecological Hazards*

In this unit, students explore both natural (i.e. hydrological, geomorphic and atmospheric) hazards and ecological (i.e. biological and chemical) hazards, the impacts they have on people, place and environments and the risk management of these hazards. Risk management is defined in terms of preparedness and mitigation.

### Unit 2: *Global Networks and Interconnections*

In this unit, students explore the economic and cultural transformations taking place in the world – the diffusion and changing spatial distribution and the impacts of these changes – that will enable them to better understand the dynamic nature of the world in which they live.

## Year 12

### Unit 3: *Global Environmental Change*

In this unit, students assess the impacts of land cover change with particular reference to climate change or biodiversity loss.

### Unit 4: *Planning Sustainable Places*

In this unit, students examine the causes and implications of urbanisation as well as challenges that exist in metropolitan Perth or a regional centre and a megacity with particular reference to how people respond to these challenges to influence sustainability and livability.



## Course Description

This course enables students to become critical thinkers and helps inform their judgements and actions in a rapidly changing world. Students are exposed to a variety of historical sources to determine cause and effect and the forces influencing people and events. The focus is on the 20th century with reference to formative changes from the late 18th century onwards. Modern History enhances students' curiosity, imagination and their appreciation of larger themes, movements, events, and ideas that have shaped the contemporary world. The year 11 course is comprised of 2 units: Understanding the modern world and Movements for change in the 20th century. There is a choice of electives and for Unit 1, St Andrew's Grammar studies Elective 7 – Capitalism – the American experience (1907-1941) and in Unit 2, we study Elective 6: Nazism in Germany.

## Prerequisites

B or above in Year 10 HASS

C or above in Year 10 English

## Career Pathways

History teaches young people a wide range of useful skills for the marketplace, including critical thinking, research and analytical skills and the ability to structure arguments well. These skills lend themselves to jobs which include (but are not limited to): politician, historian, museum and art curators, law, the media, civil service, archaeology, conservation, researcher, librarian, archivist, advertising, and commerce.

## Year 11

### **Unit 1 – Elective 7: the American Experience (1907-1941).**

In this unit, students explore the rise of capitalism and the impact of WW1, the 1920's and WW11 until 1941, the growth of consumerism and the shaping of American values. Students look at the causes of the Great Depression and the impact of capitalism on different groups within American society, for example, African Americans, urban workers, rural workers, immigrants, industrialists, and members of the Indian nations.

### **Unit 2 – Elective 6: Nazism in Germany**

In this unit, students explore the reasons behind the Nazi party's rise to power, the policies resulting in efforts to exterminate minority groups, the role and impact of significant individuals and the legacy of Nazism after WW11.

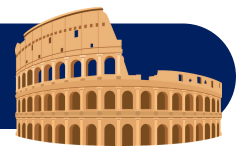
## Year 12

### **Unit 3 – Elective 2: Russia and the Soviet Union 1914-1945 (World War I to the end of World War II).**

Students will explore the significant ideas of the period such as Marxism, communism, and Leninism, look at the internal divisions and crises within Russian society and how changes transformed Russia.

### **Unit 4 - Elective 1: The Changing European World Since 1945**

Students will learn about the significant ideas of the period, including communism, liberal democracy, nationalism, and European integration, within the context of key events. Students explore the reasons for, and the consequences of, the Cold War and the division of Europe, the collapse of the Soviet bloc, and the movement toward unity and cooperation in Europe.



## Course Description

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. These societies vary in size from small city states to vast empires and, in significant cases, are the ancient foundations of modern political, legal, cultural, and religious institutions. It helps students to understand why societies and peoples hold certain values, and why values and belief systems vary from one group to another. Students are introduced to the process of reconstructing the past using often fragmentary evidence from a range of written and archaeological sources, and the skills associated with the analysis of historical sources.

## Prerequisites

Good standing in the HASS department

## Career Pathways

The study of Ancient History is as powerful as it is fascinating. Ancient historians develop skills of research and reflection, which are useful in careers such as (but not limited to): Law, Journalism, Politics, History, Teaching, Social Work, Anthropology, Archaeology, Museum Curating, Librarianship, Authorship, Government Policy Analysis.

## Year 11

### Unit 1: *Ancient Civilizations and Cultures*

New Kingdom Egypt, Dynasty 18–20 c. 1550–c. 1069 BC plus Pompeii and Herculaneum and the Roman World, 80 BC – AD 79. This unit considers the key social structure of an ancient civilisation and the key political and military structures of the ancient civilisation. Students explore key economic activities, key values, features, events, and people within an ancient civilisation.

### Unit 2: *Power in the Ancient World*

Term 3: Hatshepsut, Egypt, regnal years c. 1473 – c. 1458 BC. Term 4: Alexander the Great, Macedonia 356 – 323 BC, Pericles, Athens 495–429 BC. Students explore the background of a selected individual, consider the individual's career, challenges, motivation, actions, and legacy. Analysis of this individual's depiction during their lifetime and after their death and the indicators of continuity and change in the period being studied.

## Year 12

### Unit 3: *Societies and Change*

The Establishment of Rome from the beginning of the Republic to the end of the Punic Wars c.509–146 BC. Students study the key people, ideas and events and their influence on society. They learn about methods and strategies used by leaders, individuals and/or groups seeking change and their reasons for this.

### Unit 4: *Confrontation and Resolution*

The conflict between the Greeks and the Persian Empire to the Battles of Plataea and Mycale, from 512/11 – 479/78 BC. Students consider and explore the causes of confrontation in the period, people, ideas, and events that contributed to the confrontation in the period and their resolutions.



## Course Description

The Business Management and Enterprise General course focuses on establishing and operating a small business in Australia and aims to provide students with an understanding of the knowledge and skills of the processes and procedures required for generating business ideas and turning them into a viable business venture. Factors that impact on business innovation and success, business planning, and legal aspects of running a small business are examined. Students engage in the running of a small business, or participate in business simulations, to develop practical business skills and to develop financial and business literacy.

Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to analyse business opportunities, develop proposals and make sound, ethical business decisions.

## Prerequisites

Good standing in the HASS Department

## Career Pathways

General Business Management & Enterprise is a practical and future-focused course. Students build useful skills in leadership, money management, problem-solving, and teamwork—skills that are important in all types of businesses. This course prepares students for many different careers, including (but not limited to): Business Management, Marketing, Finance, Human Resources, Small Business, Event Planning, Sales, Administration, Logistics, Project Support, and jobs in Government or Corporate sectors.

## Year 11

### Unit 1: *Establishing a Small Business*

The focus of this unit is on establishing a small business in Australia. Opportunities are provided to explore business start-ups and to recognise the factors that contribute to business success. Entrepreneurship and innovative thinking are introduced, generating ideas and proposals that may be suitable for business ventures. These proposals are then developed into a business plan.

### Unit 2: *Operating a Small Business*

The focus of this unit is on operating a small business in Australia. The unit is suited to the running of a small business in the school or local environment, or to the use of business simulations. The concepts of innovation, marketing and competitive advantage and the key factors that influence consumer decision making are introduced. Legal aspects of running a small business, including rights and responsibilities of employer and employee, are investigated.

## Year 12

### Unit 3: *Business at the National Level*

The focus of this unit is on success in business at a national level. It explores what it takes to be successful beyond the initial start-up stage. Students investigate the features of successful marketing campaigns and report on how businesses succeed and prosper through methods, such as expansion in products, market share or diversification. The unit explores how the marketing plan contributes to the overall business plan.

### Unit 4: *Business at the International Level*

The focus of this unit is on business growth and the challenges faced by businesses expanding at a national level. The unit explores issues in the business environment, including the importance of intellectual property in protecting business ideas. The unit addresses the significance of employee motivation and the development of a business plan in the overall success of expansion.





## Course Description

Careers and Employability benefits individuals by providing them with the knowledge, understanding and skills to navigate their careers successfully. Through engaging in self-reflection, students gain invaluable insights into their strengths, values and aspirations. Students explore labour market information to help them identify in-demand skills, emerging job roles and industry sectors experiencing growth.

The course supports the development of a range of employability skills including communication, digital literacy, teamwork and problem-solving. By promoting a mindset of lifelong learning, students are better prepared to adapt effectively to emerging trends and challenges, helping them to achieve their long-term career goals.

## Prerequisites

Good standing in the HASS department

## Career Pathways

The study of Careers and Employability is practical, future-focused and empowering. Students develop valuable skills in planning, communication, problem-solving, and adaptability—skills that are essential across a wide range of industries. This course prepares students for diverse pathways including (but not limited to): Business Administration, Retail, Hospitality, Trades, Community Services, Health Support Services, Education Support, Human Resources, Event Management, Entrepreneurship, and Public Service roles.

## Year 11

### Unit 1: Work and Career Options

The focus of this unit is on exploring work and career options. Students discover how to locate and use reliable sources of career information, which will assist them with effective pathway planning. They develop an understanding of the relationship between learning and career progression.

### Unit 2: Work Readiness

The focus of this unit is on entry-level work readiness. Engaging in self-management strategies assists individuals to set meaningful, achievable goals which can enhance personal growth. Through reflecting on their strengths, weaknesses and passions, students will learn how to identify opportunities for change and improvement.

## Year 12

### Unit 3: Securing and Maintaining Work

The focus of this unit is on adopting a proactive approach to securing and maintaining work. Students learn how to access and interpret labour market information. They will build capacity to recognise growth industries, which can provide insights into enhanced career prospects.

### Unit 4: Workplace Participation

The focus of this unit is on successful workplace participation. Employee involvement in decision-making processes is encouraged by many organisations. The aim is to achieve positive outcomes for productivity, improved job satisfaction and reduced workplace conflict. Students refine problem-solving, collaboration and critical thinking skills that can be applied during these processes.



# LANGUAGES / RELIGION

Head of Learning Areas - Apostolos Vassiliadis & Stelliani Tzavellas



## Course Description

The School Curriculum and Standards Authority accesses the Modern Greek ATAR syllabus and external examination from South Australia. The syllabus content is the equivalent of two years of study, one typically at Year 11 and the other typically at Year 12. Each year of this course is equivalent to two units for Western Australian Certificate of Education (WACE) requirements. The notional time for the pair of units are 110 class contact hours. The language to be studied and assessed is the standard version of Modern Greek – the demotic form of the written and spoken language. Students will be required to use both formal and informal registers, current language use incorporating spelling reforms, and the monotonic system of accentuation. The Greek alphabet is the only script to be used in the written form. The study of Modern Greek develops students' ability to understand and use a language which has both economic and political significance and which is associated with major intellectual, artistic, and scientific achievements.

## Prerequisites

Studied Modern Greek in Years 7-10

Demonstrated competency in Year 10

## Career Pathways

The ability to communicate in Modern Greek, in conjunction with other skills, may provide opportunities for employment in the fields of translation, interpreting, banking and social services, ethnic affairs, the tourism and hospitality industries, international relations, the arts and education.

## Year 11

### ***Unit 1: The Individual***

Enables students to explore aspects of their personal world; for example, sense of self, aspirations, personal values, opinions, ideas, and relationships with others. The theme also enables students to study topics from the perspective of other people. Topics are Personal Identity, Relationships, and School Experience.

### ***Unit 2: The Modern Greek-speaking Communities***

Explores topics from the perspective of groups within those communities or the communities as a whole and encourages students to reflect on their own culture and other cultures. The topics are Lifestyles, Special Traditions and Contemporary People and Events.

## Year 12

### ***Unit 3: The Modern Greek-speaking Communities***

Explores topics from the perspective of groups within those communities or the communities as a whole and encourages students to reflect on their own culture and other cultures. The topic is The Legacy of Greece.

### ***Unit 4: The Changing World***

This theme enables students to explore change as it affects aspects of work, social issues, and world issues. Topics are Youth Issues, The World of Work and Environmental Issues.



## Course Description

The Religion and Life ATAR course provides students with opportunities to learn about religion and the interplay that occurs between religion, societies and people. Students develop an informed and critical understanding of this interplay by drawing from a detailed knowledge of one or more religions. Every religion offers a system of beliefs and practices. In the Religion and Life ATAR course, students explore one or more religions and investigate the characteristics of religion, their origins, foundations, social influence and development over time. They analyse the role religion has played in society and understand the challenges and opportunities religions face.

The connections between religion and life occur in many areas of human activity. Religion motivates and influences how people interact with each other and the world around them.

Students employ research and learning skills that enable them to use a range of primary and secondary sources to investigate the interplay between religion and life.

## Prerequisites

C or above in Year 10 English

## Career Pathways

- Highly relevant content for future pathways in Psychology, Law, Teaching, Politics, Social Work, International Relations, Theology, Journalism and more.
- Excellent preparation for critical thinking and argument writing – key ATAR skills that support success in English, History and Politics.
- It's not just theory – it's about YOU and the world you live in. Every lesson relates to real life, helping you become a more informed, reflective and empowered person.
- Stand out on university applications – universities value students who have ethical awareness, cultural understanding and the ability to think deeply.



## Course Description

The Religion and Life General course provides students with opportunities to learn about religion and explores the relationships between religion, society and individuals. It examines the nature of religion and how it offers individuals and their communities an understanding of the world around them.

Students develop an understanding of ways in which people discover, understand and express their religious beliefs. They explore one or more religions and investigate the characteristics of religion, origins, foundations, cultural influences and development over time. They analyse the role religion has played in human affairs and explore issues of concern to religion.

Through the Religion and Life General course, students learn skills that will enable them to understand the role religion plays in society and in the lives of people. They use a range of primary and secondary sources and employ a variety of methods to investigate information. These methods include research, observation, analysis, and discussion.

## Prerequisites

C or above in Year 10 English

## Career Pathways

- Highly relevant content for future pathways in Psychology, Law, Teaching, Politics, Social Work, International Relations, Theology, Journalism and more.
- Excellent preparation for critical thinking and argument writing – skills that support success in English, History and Politics.
- It's not just theory – it's about YOU and the world you live in. Every lesson relates to real life, helping you become a more informed, reflective and empowered person.
- Stand out on university applications – universities value students who have ethical awareness, cultural understanding and the ability to think deeply.





## Course Description

Mathematics Essentials is a general all-round revision and development of previously encountered mathematical concepts that particularly relate to real contexts for a range of workplace, personal, further learning, and community settings. It presents a body of useful mathematical knowledge and provides students with the skills and understanding necessary to apply this knowledge. It is a non-ATAR course for students who may have sometimes struggled with mathematics but desire a course that does not require the completion of a 'state' examination. All assessment types involve the application of the Mathematical Thinking Process or Statistical Investigative Process. A sound level of literacy is required to successfully complete these assessments.

## Prerequisites

D or above in Year 10 Mathematics

## Career Pathways

The Mathematics Essentials course gives students a broad mathematical preparation for post-school options of employment and further training.

## Year 11

**Unit 1:** This unit provides students with the mathematical skills and understanding to solve problems relating to calculations, the use of formulas to find an unknown quantity, applications of measurement and the use and interpretation of graphs. Possible contexts for this unit are earning and managing money and nutrition and health.

**Unit 2:** This unit provides students with the mathematical skills and understanding to solve problems related to representing and comparing data, percentages, rates and ratios, and time and motion. Possible contexts for this unit to achieve this goal are transport and independent living.

## Year 12

**Unit 3:** This unit provides students with the mathematical skills and understanding to solve problems related to measurement, scales, plans and models, drawing and interpreting graphs and data collection. Students use the mathematical thinking process and apply the statistical investigation process.

**Unit 4:** This unit provides students with the mathematical skills and understanding to solve problems related to probability, earth geometry and time zones, loans, and compound interest. Students use the mathematical thinking process and apply the statistical investigation process to solve problems involving probability.





## Course Description

Mathematics Applications presents Mathematics as an organised body of useful knowledge and provides students with the skills and confidence necessary to apply this knowledge in many practical real-life situations.

The course provides students with useful applied mathematical tools and fosters an ability to solve problems and to carry out mathematical investigations. This is a more rigorous academic overall pathway than Mathematics Essentials. A sound level of literacy is required to successfully complete these assessments.

## Prerequisites

C or above in Year 10 in Mathematics

## Career Pathways

The Mathematics Applications course gives students an excellent preparation for many TAFE courses and non-mathematical and non-scientific university studies.

## Year 11

**Unit 1:** The content includes the study of the use of formulae, percentages, simple and compound interest, other financial considerations, matrices, the theorem of Pythagoras, perimeter and area, surface area and volume and similarity.

**Unit 2:** The content includes the study of univariate data, summarizing data and describing distributions, measures of dispersion or spread, boxplots, histograms, the statistical investigation process, solving equations, using equations to solve problems, linear relationships, piecewise defined relationships, trigonometry for right and non-right triangles.

## Year 12

**Unit 3:** The content includes the study of bivariate data and further analysis, sequences by recursion and some specific types, networks, and shortest path.

**Unit 4:** The content includes the study of time series data, moving averages and seasonal effects, finances – saving, borrowing, and drawing down investments, minimum spanning trees, maximum flow, project networks and assignment problems.



## Course Description

Mathematics Methods presents Mathematics as an organised body of useful knowledge and provides students with the skills and confidence necessary to apply this knowledge in practical situations. These demands are met by offering studies in a range of topics that have the potential for useful mathematical and scientific application and are within the capabilities of the more mathematically inclined students. Mathematics Methods provides an excellent insight into the fundamental applications of Mathematics in practically every area of Science, Commerce and Industry. A large part of the course context is the use of Calculus and without Calculus, much of our present technology would not exist. Please take into account, when looking at future career paths, that the Mathematics Methods course is a prerequisite for many tertiary courses involving further Mathematics. Mathematics Methods is a compulsory requirement if you choose to study Mathematics Specialist.

## Prerequisites

B or above in Year 10 Mathematics

## Career Pathways

This course is essential for tertiary courses in Mathematics, Engineering, Aviation and Physical Science and is helpful as a prerequisite for courses involving strong mathematical analysis.

## Year 11

**Unit 1:** The content includes the study of trigonometry, radian measure, linear and quadratic functions and equations, polynomials, trigonometric and other functions, sets and probability.

**Unit 2:** The content includes the study of indices, exponential functions, sequences and series, rates of change and differentiation, applications of differentiation, anti-differentiation, and rectilinear motion.

## Year 12

**Unit 3:** The content includes the study of differentiation and applications, anti-differentiation, area under a curve, the fundamental theorem of calculus, the exponential function, calculus of trigonometric functions, discrete random variables, Bernoulli, and binomial distributions.

**Unit 4:** The content includes the study of logarithmic functions and their calculus, continuous random variables, the normal distribution, random sampling, and sample proportions.

## Mathematics ATAR Courses – TEA Bonus

Mathematics Methods and Mathematics Specialist attract a bonus for the Tertiary Entrance Aggregate to encourage students to undertake the more challenging Mathematics ATAR course options.

The bonus will apply to the calculation of the Tertiary Entrance Aggregate (TEA) where 10% of the final scaled score/s in Mathematics Methods ATAR and Mathematics Specialist ATAR will be added to the TEA, from which the ATAR is derived. Bonuses from both courses may be counted and will apply even if the scaled scores from the courses are not one of the student's best four scores.

**Please note:** The Bonus mark is applied to your TEA aggregate. This is quite different from your final ATAR score.



## Course Description

This course presents Mathematics as an organised body of knowledge that will provide students with the highest foundation for tertiary studies in Mathematics and related areas. Mathematics Specialist extends the algebraic, geometric, and trigonometric skills studied in previous years and introduces vector methods in the study of geometry, complex numbers, polar coordinates, and functions. This course is studied in conjunction with Mathematics Methods.

## Prerequisites

B or above in Year 10 Mathematics

## Career Pathways

This course is essential and/or desirable for tertiary courses in Mathematics, Engineering, Aviation and Physical Science and is helpful as a prerequisite for courses involving strong mathematical analysis.

## Year 11

**Unit 1:** The content includes the study of counting techniques, vectors including component form scalar products and proofs, and geometric proofs.

**Unit 2:** The content includes the study of trigonometric identities and equations, basic matrix algorithms and transformations, proofs, and complex numbers.

## Year 12

**Unit 3:** The content includes the study of complex numbers, polar form of a complex number, functions, vector equation of a line, vectors in three dimensions, systems of linear equations and vector calculus.

**Unit 4:** The content includes the study of differentiation and integration techniques and applications, differential equations, simple harmonic motion, and sample means.

## Mathematics ATAR Courses – TEA Bonus

Mathematics Methods and Mathematics Specialist attract a bonus for the Tertiary Entrance Aggregate to encourage students to undertake the more challenging Mathematics ATAR course options.

The bonus will apply to the calculation of the Tertiary Entrance Aggregate (TEA) where 10% of the final scaled score/s in Mathematics Methods ATAR and Mathematics Specialist ATAR will be added to the TEA, from which the ATAR is derived. Bonuses from both courses may be counted and will apply even if the scaled scores from the courses are not one of the student's best four scores.

**Please note:** The Bonus mark is applied to your TEA aggregate. This is quite different from your final ATAR score.

**SCIENCE**

Head of Learning Area - Mia Ridzuan





## Course Description

Chemistry is the study of materials and substances and the transformations they undergo through interactions and the transfer of energy. Chemists can use an understanding of chemical structures and processes to adapt, control and manipulate systems to meet particular economic, environmental, and social needs. This includes addressing the global challenges of climate change and security of water, food, and energy supplies, and designing processes to maximise the efficient use of Earth's finite resources.

The Chemistry ATAR course develops students' understanding of the key chemical concepts and models of structure, bonding, and chemical change, including the role of chemical, electrical and thermal energy. Students learn how models of structure and bonding enable chemists to predict properties and reactions and to adapt these for particular purposes. They learn how to apply concepts to everyday situations, biochemistry, and industrial processes. They will understand the fundamental chemistry behind protein synthesis, polymers, production of biofuel and ethanol, industrial process such as the Haber and Contact process, analytical techniques, and acid chemistry, such as buffers, implications of changes to pH and the effect this has on our environment. Students will also develop skills that will allow them to quantitatively analyse different chemical processes.

## Prerequisites

B or above in Year 10 Science overall, A in Chemistry  
C or above in Year 10 Mathematics

## Career Pathways

Forensic science, environmental science, engineering, medicine, dentistry, pharmacy, sports science, art, wine making, agriculture and food technology.

## Year 11

### Unit 1: Chemical Fundamentals

Students use models of atomic structure and bonding to explain the macroscopic properties of materials. They develop understanding of energy changes in chemical reactions and the use of chemical equations to calculate masses of substances involved in chemical reactions.

### Unit 2: Molecular Interactions and Reactions

Students continue to develop their understanding of bonding models and the relationship between structure, properties, and reactions, including consideration of the factors that affect the rate of chemical reactions. Students investigate the unique properties of water and the properties of acids and bases, and use chemical equations to calculate the concentrations and volumes of solutions involved in chemical reactions.

## Year 12

### Unit 3: Equilibrium, Acids and Bases, and Redox Reactions

Students investigate the concept of reversibility of reactions and the dynamic nature of equilibrium in chemical systems, contemporary models of acid-base behaviour that explain their properties and uses, and the principles of oxidation and reduction reactions, including the generation of electricity from electrochemical cells.

### Unit 4: Organic Chemistry and Chemical Synthesis

Students develop their understanding of the relationship between the structure, properties, and chemical reactions of different organic functional groups. Students also investigate the process of chemical synthesis to form useful substances and products and the need to consider a range of factors in the design of these processes.



## Course Description

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.

Through a combination of classical genetics, and advances in molecular genetics, dynamic new biotechnological processes have resulted. Population genetics is studied to highlight the long-term changes leading to natural selection and evolution of our species. As a science, the course matter of this course is founded on knowledge and understanding that has been gained through systematic inquiry and scientific research. However, this knowledge is far from complete and is being modified and expanded as new discoveries and advancements are made. Students develop their understanding of the cumulative and evolving nature of scientific knowledge and the ways in which such knowledge is obtained through scientific investigations. They learn to think critically, to evaluate evidence, to solve problems and to communicate understandings in scientific ways.

## Prerequisites

B or above in Year 10 Science

C or above in Year 10 English

## Career Pathways

Science education, medical and paramedical fields, food and hospitality, childcare, sport, and social work.

## Year 11

### Unit 1: *The Functioning Human Body*

In this unit, students analyse how the structure and function of body systems, and the interrelationships between systems, support metabolism and body functioning.

### Unit 2: *Reproduction and Inheritance*

In this unit, 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.

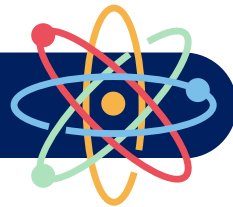
## Year 12

### Unit 3: *Homeostasis and Disease*

This unit explores the nervous and endocrine systems and the mechanisms that help maintain the systems of the body to function within normal range, and the body's immune responses to invading pathogens.

### Unit 4: *Human Variation and Evolution*

This unit explores the variations in humans, their changing environment, and evolutionary trends in hominids.



## Course Description

Physics is a fundamental science that endeavours to explain all the natural phenomena that occur in the universe. Its power lies in the use of a comparatively small number of assumptions, models, laws and theories to explain a wide range of phenomena, from the incredibly small to the incredibly large. Physics has helped to unlock the mysteries of the universe and provides the foundation of understanding upon which modern technologies and all other sciences are based.

The Physics ATAR course uses qualitative and quantitative models and theories based on physical laws to visualise, explain and predict physical phenomena. Models, laws and theories are developed from, and their predictions are tested by, making observations and quantitative measurements. Students gather, analyse and interpret primary and secondary data to investigate a range of phenomena and technologies using some of the most important models, laws and theories of physics, including the kinetic particle model, the atomic model, electromagnetic theory and the laws of classical mechanics.

Students investigate how the unifying concept of energy explains diverse phenomena and provides a powerful tool for analysing how systems interact throughout the universe on multiple scales. They learn how more sophisticated theories, including quantum theory and the theory of relativity, are needed to explain more complex phenomena, and how new observations can lead to models and theories being refined and developed.

## Prerequisites

B or above in Year 10 Science overall, A in Physics

C or above in Year 10 Mathematics

## Career Pathways

Engineering, forensics, radiology, technological development and aviation, sciences, medicine, as well as economics, finance, management, law, and public policy.

## Year 11

### ***Unit 1: Motion, Forces and Energy***

Students describe, explain and predict linear motion and mechanical and thermal energy. Contexts that may be investigated in this unit include technologies, such as accelerometers and motion detectors, and related areas of science and engineering, such as sports science and car and road safety.

### ***Unit 2: Waves, Nuclear and Electrical Physics***

Students investigate the application of wave models to sound phenomena, radioactivity and nuclear reactions, and investigate energy transfer and transformation in electrical circuits. Contexts that can be investigated in this unit include technologies related to nuclear energy, radiopharmaceuticals, seismic waves, musical instruments and electricity in the home; and related areas of science, such as nuclear fusion in stars.

## Year 12

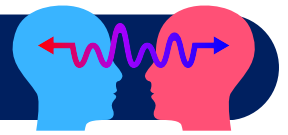
### ***Unit 3: Gravity and Relativity***

Students investigate models of motion in gravitational, electric and magnetic fields to explain how forces act at a distance. They examine the theory of special relativity and the consequences of general relativity. Contexts that can be investigated in this unit include technologies, such as artificial satellites and navigation devices, and related areas of science and engineering, such as sports science and amusement parks.

### ***Unit 4: Electromagnetism and Modern Physics***

Students use the theory of electromagnetism to explain the production and propagation of electromagnetic waves and investigate how shortcomings in existing theories led to the development of the quantum theory of light and matter.





## Course Description

Psychology is the scientific study of how people think, feel and behave. It is an evidence-based discipline that follows the principles of scientific inquiry to explore human cognition, behaviour and thought. Through the study of psychology, students will be introduced to a variety of psychological theories, studies, models and concepts that exist simultaneously and continue to evolve in a variety of contexts. They will learn how to critically evaluate psychological concepts, interpretations, claims and conclusions with reference to empirical evidence.

This course introduces students to the principles of scientific inquiry and their application to planning, designing and conducting psychological investigations using appropriate procedures and practices. Students have the opportunity to collect, process, evaluate and critically interpret information from a range of scientific sources, and to evaluate the credibility of these resources. Students will develop an understanding of ethical guidelines and their importance to psychological practice.

## Prerequisites

B or above in Year 10 Science

C or above in Year 10 English

## Career Pathways

Clinical, education, human resources, social sciences, sales, media and marketing and management.

## Year 11

### Unit 1: *Biological and Lifespan Psychology*

Students learn the basic structure of the central nervous system and introduces lifespan psychology with a key focus on adolescent development and the role of attachment and identifying stages of development according to specified theorists.

### Unit 2: *Developmental Psychology*

Students explore the function and effect of attitudes and the theories of cognitive dissonance, social identity and attribution. Students will also learn about the role of stereotypes and the relationship between attitudes, prejudice and discrimination in a range of areas. They will explore the relationship between social influence and the development of prosocial and antisocial behaviours.

## Year 12

### Unit 3: *Memory and Learning*

Students learn the roles of sensation, perception and attention in memory, linking specific structures of the brain to memory, and learning about some of the processes associated with memory and forgetting. The unit also explores theories of learning, including classical conditioning, operant conditioning and social learning theory, in the context of key studies.

### Unit 4: *Psychology of Motivation, Wellbeing and Health*

Students develop a psychological understanding of the relationship between motivation and wellbeing, and apply this to the development of effective strategies related to stress and sleep. Students explore the relationships between stress, sleep and wellbeing and techniques to improve wellbeing.



## Course Description

This course introduces students to a breadth of knowledge focusing on the psychology of self and others. Psychological knowledge helps us understand factors relating to individuals, such as: cognition, or the way we think; biological bases of behaviour; and personality, the enduring traits that distinguish individuals. Psychological knowledge also helps us understand the way that individuals function within groups. This consists of knowledge associated with socialisation, moral development, the formation of attitudes and also how people relate and communicate. On a larger scale, psychological knowledge can help us to understand how individuals function within different contexts and how this is influenced by culture, shaping people's values, attitudes and beliefs.

## Prerequisites

Good standing in the Science Department

## Career Pathways

Health professions; education, human resources, social sciences, sales, media and marketing and management.

## Year 11

**Unit 1:** This unit provides a general introduction to personality and intelligence. Students explore Freud's psychodynamic approach, Eysenck's trait theory and Spearman's theory of general intelligence. Students also examine agents of socialisation and the role of verbal and non-verbal communication in relationships. Students are introduced to qualitative and quantitative methods of data collection and explore fundamental ethical considerations in research.

**Unit 2:** This unit introduces students to the human brain and the impact of factors influencing behaviour, emotion and thought. Students review aspects of development, the role of nature and nurture, stages of development and the impact of external factors on personality development. The impact of group size and the influence of culture in shaping attitudes is explored. Students interpret descriptive data.

## Year 12

**Unit 3:** This unit expands on personality theories studies in Unit 1. Students apply knowledge and understandings to explore how personality can shape motivation and performance and how personality testing is used in vocational contexts. Students are introduced to states of consciousness and the role of sensation, perception and attention in interpreting information. Relational influences, including factors which determine friendships and conflict resolution, are explored.

**Unit 4:** This unit explores brain function and scanning techniques to illustrate the link between the brain and behaviour. Students learn about Piaget's theory of cognitive development, Kohlberg's theory of moral development and the role of nature and nurture. The impact of the environment on individuals is examined through the study of behaviours in groups, causes of prejudice and ways of reducing prejudice.



## Course Description

Science in Practice is a course grounded in the belief that science is, in essence, a practical activity. This course seeks to reflect this creative element of science as inquiry. It should involve students in research that develops a variety of skills, including the use of appropriate technology and an array of diverse methods of investigation.

Science in Practice allows students to investigate science issues in the context of the world around them, and encourages student collaboration and cooperation with community members employed in scientific pursuits. It requires students to be creative, intellectually honest, to evaluate arguments with skepticism, and to conduct their investigations in ways that are safe, ethical, fair and respectful of others.

## Prerequisites

Good standing in the Science Department (i.e. good effort and attitude)

## Career Pathways

The Science in Practice General course is inclusive and aims to be attractive to students with a wide variety of backgrounds, interests, and career aspirations.

## Year 11

### Focus Area: *Forensic Science*

Units will integrate concepts, ideas and associated skills from the forensic science area. They will develop students to identify science in their world and understand the importance of science in their lives. Students will explore, investigate and model processes through practical activities. Content will engage students, have local real-life application, and be relevant to everyday life.

Areas that can be explored include an introduction to Forensic Science, the purpose and use of crime scene investigation, collection and analysis of physical evidence. Forensic Science incorporates all disciplines from Chemistry, Biology, Physics and Earth Sciences. Forensic Science relies on the use of analytical techniques, digital tools, and use of case studies.





## Course Description

The Children, Family and the Community course provides opportunities to develop in each student an understanding of the diversity of Australian Society and how individual, family, and societal factors influence the development, health status and wellbeing of infants and children. Christian values are emphasised as the development of children in the cognitive, physical, social, emotional, and spiritual domains are studied.

The course is designed to facilitate the achievement the following four outcomes: exploring human development, applying the technology process to meet human needs, applying self-management and interpersonal skills, understanding of society and support systems.

In order for students to achieve these outcomes, the course presents information and provides practical experiences that are of value for future parenting and/or childcare roles. It also provides a valuable foundation for further courses at both TAFE and university level in fields relating to the care and education of infants and children.

## Prerequisites

Childcare in Year 10 is recommended. Students need to have a genuine interest in learning about the development of young children and interacting with them in the various practical components contained within the units of study.

## Career Pathways

Educations, nursing, community services, childcare and health.

## Year 11

### Unit 1: *Families and Relationships*

This unit focuses on family uniqueness. Students examine the role of families and the relationships between individuals, families, and their communities. Through an understanding of growth and development, students recognise the characteristics of individuals and families, and that development is affected by biological and environmental influences.

### Unit 2: *Our Community*

This unit focuses on families, relationships and living in communities. The influence of biological and environmental factors, lifestyle behaviours and health status on growth and development is studied. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development.

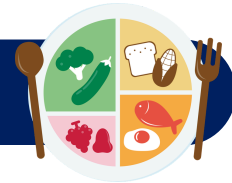
## Year 12

### Unit 3: *Building on Relationships*

Students investigate the principles of development. Students examine and evaluate products, services and systems for individuals and families. They examine the diverse and dynamic nature of families in Australia. They recognise and acknowledge cultural diversity, and inequity and injustice issues. Students develop effective self-management and interpersonal skills to recognise and enhance personal relationships, enabling them to take active roles in society.

### Unit 4: *My Place in the Community*

Students examine the effect on an individual's development and wellbeing in a society characterised by rapid change. They explore contemporary Australian issues or trends relating to families and communities and are introduced to a range of advocacy type



## Course Description

The Food Science and Technology General course provides opportunities for students to explore and develop food-related interests and skills. Food impacts on every aspect of daily life and is essential for maintaining overall health and wellbeing. Students organise, implement, and manage production processes in a range of food environments and understand systems that regulate food availability, safety, and quality. Knowledge of the sensory, physical, chemical, and functional properties of food is applied in practical situations. Students investigate the food supply chain and value-adding techniques applied to food to meet consumer and producer requirements. Principles of dietary planning, adapting recipes, and processing techniques, are considered for specific nutritional needs of demographic groups. Occupational safety and health requirements, safe food handling practices, and a variety of processing techniques, are implemented to produce safe, quality food products.

## Prerequisites

It is recommended that students have completed Food classes in Years 9 and/or Year 10

## Career Pathways

This course may enhance employability and career opportunities in areas that include nutrition, health, food and beverage manufacturing, food processing, community services, hospitality, and retail.

## Year 11

### Unit 1: *Food Choices and Health*

This unit focuses on the sensory and physical properties of food that affect the consumption of raw and processed foods. Students investigate balanced diets, the function of nutrients in the body and apply nutrition concepts that promote healthy eating. They study health and environmental issues that arise from lifestyle choices and investigate factors which influence the purchase of locally produced commodities.

### Unit 2: *Food for Commodities*

This unit focuses on the supply of staple foods and the factors that influence adolescent food choices and ethical considerations. Students recognise factors, including processing systems, that affect the sensory and physical properties of staple foods. They explore food sources and the role of macronutrients and water for health, and nutrition-related health conditions, such as coeliac and lactose intolerance, which often require specialised diets.

## Year 12

### Unit 3: *Food Science*

This unit explores the societal, lifestyle and economic issues that influence food choices. Students research the effect of under-consumption and over-consumption of nutrients on health and investigate a range of diet-related health conditions that affect individuals and families. Using scientific methods, students examine the functional properties that determine the performance of food and apply these in the planning and preparation of food products and processing systems.

### Unit 4: *The Undercover Story*

This unit focuses on food spoilage and contamination and explores reasons for preserving food. Students investigate food processing techniques and the principles of food preservation. They examine the regulations which determine the way food is packaged, labelled, and stored and how the principles of the Hazard Analysis Critical Control Point (HACCP) system are administered and implemented to guide the production and provision of safe food.

# VET PROGRAM

Head of Learning Area - Max Burnett







VET courses provide students with the opportunity to gain industry-recognised qualifications while completing their secondary education. These courses focus on practical, hands-on learning, helping students develop skills that align with real-world job opportunities.

Through VET, students gain valuable workplace experience and a deeper understanding of their chosen industry, supporting their transition into further study, apprenticeships, traineeships, or employment.

St. Andrew's Grammar students can undertake VET through two distinct pathways:

- In-School VET Programs – Courses delivered within the school, providing practical training alongside regular studies.
- VETDSS External TAFE Programs – Courses completed offsite at TAFE institutions, offering industry-specific training and nationally recognised qualifications.

## **In-School VET Programs**

### ***Certificate II in Workplace Skills***

This entry-level qualification provides foundational skills for working in a business environment. Students develop communication, teamwork, and administrative skills essential for a range of workplace settings.

Possible job outcomes:

- Administrative Assistant
- Customer Service Officer
- Clerical Support Worker

### ***Certificate III in Business***

This qualification builds on workplace skills, focusing on business operations, customer service, and workplace efficiency. It prepares students for administrative roles in various industries.

Possible job outcomes:

- Office Administrator
- Receptionist
- Data Entry Operator

### ***Certificate II in Sports Coaching***

This course introduces students to the fundamentals of coaching, including planning and delivering training sessions, understanding athlete development, and ensuring safe sporting environments.

Possible job outcomes:

- Assistant Sports Coach
- Community Sports Leader
- School Sports Program Assistant

### ***Certificate III in Sports Coaching***

This qualification provides advanced coaching skills, covering game strategies, athlete performance analysis, and leadership in sports settings. It is ideal for those looking to coach at a higher level or enter the sports industry.

Possible job outcomes:

- Head Sports Coach
- Sports Development Officer
- Personal Trainer (with further qualifications)



### VETDSS External TAFE Programs

As part of the Western Australian Certificate of Education (WACE), students in Years 10, 11, and 12 have the opportunity to participate in the VET Delivered to Secondary Students program. This program allows students to attend North Metropolitan TAFE one or two days per week while completing their secondary studies.

VET courses are carefully selected to provide clear career pathways beyond high school. They equip students with practical skills, workplace experience, and industry-specific knowledge. Completion of a VET course may contribute credits towards other nationally recognised qualifications or lead directly to employment.

#### Through this program, students can:

- Develop industry-specific skills
- Achieve nationally recognised VET qualifications while completing WACE
- Build employability skills for future job opportunities
- Gain real-world workplace experience to support career planning
- North Metropolitan TAFE offers a range of courses and pre-apprenticeships in various industries, providing students with valuable hands-on learning experiences. This program is ideal for students looking to explore vocational pathways while still in school.

#### Course List:

- Automotive
- Building and Construction
- Business and Finance
- Creative Industries
- Education and Community Services
- Engineering and Mining
- Health, Beauty and Fitness
- Horticulture and Conservation
- Hospitality, Tourism and Events
- Laboratory Operations
- Library
- Logistics
- Networking and Security



### **Proposed Offering for 2026 Academic Year**

This Certificate II in Hospitality is proposed to be offered for the 2026 academic year at St. Andrew's Grammar. Please note that, as of now, no agreements have been made with a Registered Training Organisation (RTO) for the delivery of this qualification. Upon receiving sufficient interest from students, the school will initiate a formal partnership with an RTO to deliver the course.

### **Course Overview**

This qualification is designed to be completed over a two-year period, with students expected to achieve the certification by the end of Year 12. Please note that students must have studied this course in Year 11 to be eligible for selection in Year 12.

The Certificate II in Hospitality provides students with the necessary skills and knowledge to be competent in various kitchen and front-of-house functions. These skills will be applied in a variety of hospitality enterprises, where food is prepared and served. Students will work both independently and as part of a team, under close supervision.

The hospitality industry plays a significant role in the Australian economy, employing a large workforce across different sectors. This industry has a strong commitment to training, especially in customer service and technical areas, providing ample employment opportunities for young people in full-time, part-time, and casual roles.

### **Course Structure**

Over the two years, students will complete twelve units in total. These units are divided into:

- Six Core Units: Essential competencies for all students.
- Six Elective Units: Chosen based on student interests and industry needs.

Throughout the course, students will acquire a variety of technical, personal, interpersonal, and organisational skills that are highly valued within the hospitality industry. These competencies will not only prepare students for careers in hospitality but also develop skills applicable across various other industries.

### **Assessment**

Assessment for this qualification is based on units of competency from the Hospitality Training Package. Students will be assessed against industry standards and will be marked as either 'competent' or 'not competent'.

To receive the full qualification, students must achieve competency in all units. The qualification will also contribute to the Western Australian Certificate of Education (WACE) requirements.

### **Career Opportunities**

The Certificate II in Hospitality can open doors to a wide range of career opportunities across both commercial and non-commercial enterprises. Possible career paths include:

- Resorts
- Hotels and Bed & Breakfasts
- Clubs
- Restaurants, Cafes, and Coffee Shops
- Bistros
- Community Food Service Organisations
- Catering Organisations

Many of these industries require hospitality competencies, and the skills gained through this qualification will be valuable in a variety of roles within the hospitality and catering sectors.

# CAREERS AND EDUCATION RESOURCES



# Careers and Education Resources

The information gained from the following list of websites may help students determine their post-school options.

## Universities

Curtin University

Future Students Office: 1300 222 888

<https://www.curtin.edu.au/study/>

Edith Cowan University

Future Students Office: 134 328

<https://www.ecu.edu.au/>

Murdoch University

Prospective Student Centre: 1300 687 3624

<https://www.murdoch.edu.au/contact-us#future-students>

University of WA

Future Student Advisors: 08 6488 2477

<https://www.uwa.edu.au/study>

University of Notre Dame

Prospective Student Advisors: 08 9433 0533

Free call: 1800 640 500

<https://www.notredame.edu.au/study/programs>

## TAFE

Officers are available at the following TAFE colleges to provide assistance to students:

North Metropolitan TAFE

1300 300 822

(East Perth, Leederville, Mt Lawley & Northbridge)

<https://www.northmetrotafe.wa.edu.au/>

South Metropolitan TAFE

Course Information Centre: 08 9267 7500

(Covers Thornlie, Carlisle, Balga, Armadale, Midland & Bentley)

<https://www.southmetrotafe.wa.edu.au/>

South Metropolitan TAFE

Course Information Centre: 08 9239 8189

(Beaconsfield, Murdoch, Maritime Centre, Rockingham & Peel)

<https://www.southmetrotafe.wa.edu.au/>

North Metropolitan TAFE

Joondalup: 1300 134 881

<https://www.northmetrotafe.wa.edu.au/>

TAFE Handbook

Online [www.training.wa.gov.au](http://www.training.wa.gov.au), [www.tasonline.tafe.wa.edu.au](http://www.tasonline.tafe.wa.edu.au), (go to skills calculator)

# Careers and Education Resources

## Careers

Job search and career related sites:

### Career Information Centre

2nd Floor, City Central Building, 166 Murray Street Mall, Perth (rear Myer)

Telephone: 132 398

Email: [career.centre@dtwd.wa.gov.au](mailto:career.centre@dtwd.wa.gov.au)

Open: Monday to Friday 9.00 am to 4.30 pm

The centre provides detailed information about careers and courses including booklets, leaflets, folders, videos, CDs, and cassettes. Students can also complete a Career Choice Program called Jigcal but must make a booking for this service. It is available 9.00am to 3.00pm Monday to Friday.

[www.myfuture.edu.au](http://www.myfuture.edu.au)

[www.jobsearch.gov.au](http://www.jobsearch.gov.au)

For further information on what is available, please see

[www.youth.gov.au](http://www.youth.gov.au) (Information for school leavers includes links to many good sites)

[www.getaccess.wa.gov.au](http://www.getaccess.wa.gov.au) (Career information service)

[www.workplace.gov.au](http://www.workplace.gov.au)

[www.fairwork.gov.au](http://www.fairwork.gov.au)

[www.centrelink.gov.au](http://www.centrelink.gov.au) (Range of services /payments to students/job opportunities)

[www.graduatecareers.com.au](http://www.graduatecareers.com.au) (Employment opportunities for graduates)

[www.thegoodguides.com.au](http://www.thegoodguides.com.au) (A site that rates Australian Universities and outlines their facilities/courses)

### The Job Guide online

(Includes links to other careers sites)

[www.jobsguide.deewr.gov.au](http://www.jobsguide.deewr.gov.au)

### WA Department of Training & Workforce Development

Training opportunities in WA

[www.det.wa.edu.au/training](http://www.det.wa.edu.au/training)

## Education

School Curriculum & Standards Authority

[www.scsa.wa.edu.au](http://www.scsa.wa.edu.au)

[info@scsa.wa.edu.au](mailto:info@scsa.wa.edu.au)

### Tertiary Institutions Service Centre

This site also provides links to the Tertiary Institution Service Centres and universities in the other states of Australia.)

[www.tisc.edu.au](http://www.tisc.edu.au)

### Defence Force Recruiting Centre

Careers Information 131 901

[www.defencejobs.gov.au](http://www.defencejobs.gov.au)

### Australian Apprenticeships

133 873

[www.australianapprenticeships.gov.au](http://www.australianapprenticeships.gov.au)

## NOTES

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