



morley
senior high school

Course Selection Handbook

Year 11 - 2020

Year 11 Course Selection Handbook - 2020

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HOW TO USE THIS BOOK

This book offers a summary of the courses available as well as other vital information necessary to make good selection of senior school courses. The book does not, however stand alone and advice and information is available from the Senior School Deputy Principal, the Year 10 Coordinator and the Careers Counsellor. All students and caregivers will be assisted and counselled through the selection process during an interview.

GRADUATION - WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (WACE)

This section is relevant to all students seeking to achieve the WACE (Western Australian Certificate of Education). The WACE is a certificate which indicates a significant achievement standard by students over Years 11 and 12.

THE WACE REQUIREMENTS

Achievement of the WACE acknowledges the end of compulsory schooling and that the student has achieved or exceeded the required minimum standards in an educational program to sufficient breadth and depth.

To achieve a WACE the following must be satisfied:

General requirements

- A minimum standard of literacy and a minimum standard of numeracy based on the skills regarded as essential for individuals to meet the demands of everyday life and work in a knowledge-based economy must be demonstrated.
- Completion of a minimum of 20 units or equivalents as described below.
- Completion of four or more Year 12 ATAR courses
 - **or** completion of at least five Year 12 General courses /or ATAR courses
 - **or** completion of a Certificate II or higher in combination with ATAR or General courses.

Breadth and depth

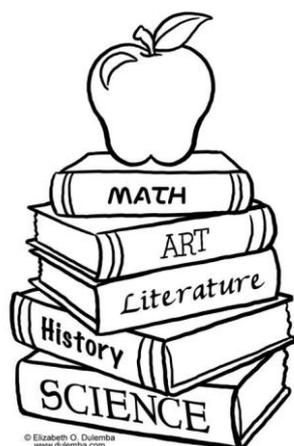
Students must complete a minimum of 20 course units or the equivalent and this must include:

- a minimum of 10 Year 12 units or the equivalent
- two completed Year 11 English units and one pair of completed Year 12 English units
- one pair of Year 12 course units from each of List A (arts /languages/social sciences) and List B (mathematics/ science/technology).

WACE breadth-of-study list for the WACE in 2020

To ensure an appropriate breadth of study at Morley SHS in your senior secondary studies, you are required to select at least one Year 12 course from both List A and List B below.

LIST A (Arts/Languages/Social Sciences)	LIST B (Mathematics/Science/Technology)
Career and Enterprise	Accounting and Finance
Chinese Language	Applied Information Technology
Dance	Aviation
Economics	Biological Sciences
English	Chemistry
English as an Additional Language/Dialect	Computer Science
Geography	Design
Italian Language	Food Science and Technology
Health Studies	Human Biological Science
Japanese Language	Integrated Science
Literature	Materials Design and Technology
Modern History	Mathematics Essential
Music	Mathematics Methods
Politics and Law	Mathematics Applications
	Mathematics Specialist
	Physical Education Studies
	Physics
	The Business Management and Enterprise General



Achievement standard

Students are required to achieve 14 C grades (or equivalents, see below) in Year 11 and Year 12, including at least six C grades in Year 12 units (or equivalents).

Unit equivalence can be obtained through Vocational Education and Training (VET) programs and/or endorsed programs. The maximum unit equivalence available through these programs is eight units – four Year 11 units and four Year 12 units. Students may obtain unit equivalence as follows:

- up to eight unit equivalents through completion of VET programs, **or**
- up to four unit equivalents through completion of endorsed programs, **or**
- up to eight unit equivalents through a combination of VET and endorsed programs, but with endorsed programs contributing no more than four unit equivalents.

The unit equivalence allocated to VET and endorsed programs is as follows:

- VET qualifications
 - Certificate II is equivalent to two Year 11 and two Year 12 units
 - Certificate III or higher is equivalent to two Year 11 and four Year 12 units
- Endorsed programs
 - WPL **Workplace Learning** – one unit for every 55 hours completed in the workplace up to a maximum of 4 units

There are five types of courses developed by the Authority which contribute to the WACE:

1. **ATAR** course units for students who are aiming to enrol in a university course direct from school. These courses will be examined by the Authority and contribute to the achievement of an Australian Tertiary Admission Rank (ATAR).
2. **General** course units for students who are aiming to enter further training or the workforce directly from school. These courses will not be examined by the Authority
3. **Foundation** course units for those who need additional help in demonstrating the minimum standard of literacy and numeracy.
4. **Vocational Education and Training** industry specific (VETIS) courses for students who are aiming to enter further training or the workforce directly from school. VETIS courses have been developed in close consultation with WA Industry Training Councils and include a full, nationally recognised qualification and mandatory industry-related workplace learning.
5. **Preliminary** course units for those who may need modification to the curriculum to meet their special needs. Preliminary courses do not contribute to the achievement of a WACE. (Not available at Morley SHS)

Achievement of a WACE

Course units from the previously listed groups contribute to the achievement of a WACE. They are ATAR Courses, General Courses, Foundation Courses, VETIS courses, VET Programs and Endorsed Programs. Preliminary course units do not contribute to the achievement of a WACE.

WACE courses are grouped into List A (arts/languages/social sciences) and List B (mathematics/science/technology). Students studying for a WACE are required to select at least one Year 12 course from each of List A and List B.

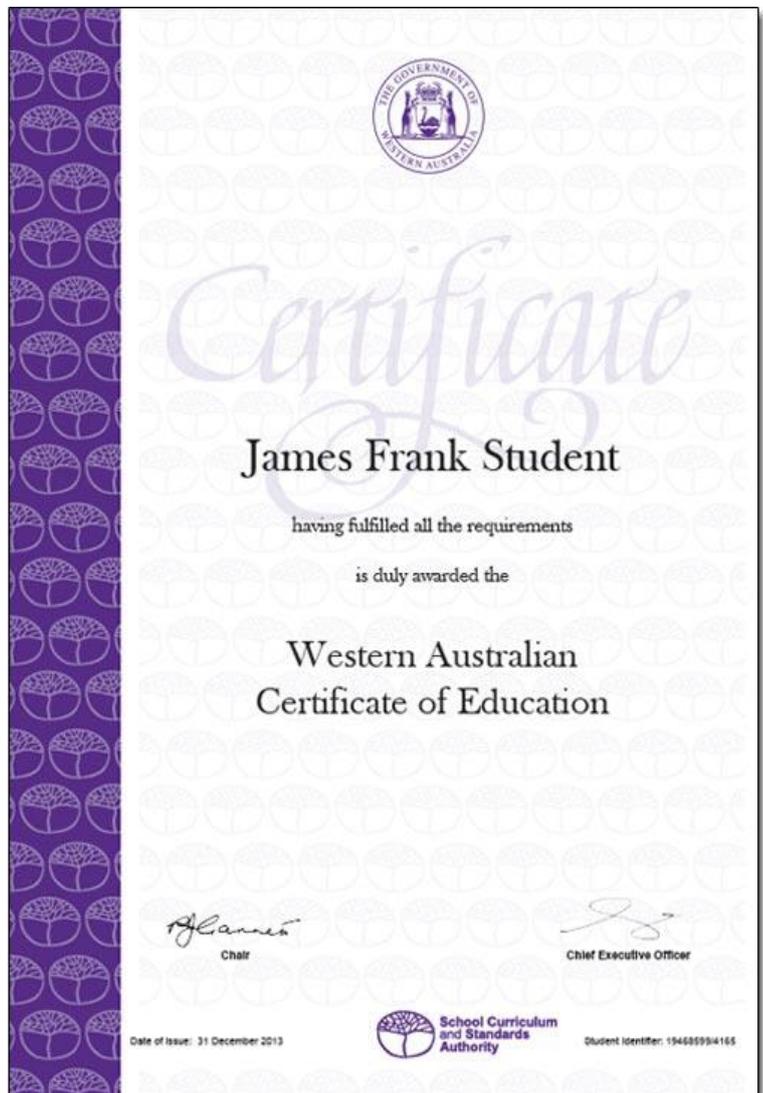
Morley SHS will offer courses that meet the needs and interests of their students in line with the resources available.

You are able to select across a range of course units at a range of cognitive levels to suit your skills and post-school aspirations. If you think you will be heading to university once you finish Year 12, you should enrol in at least four, preferably five, ATAR courses. The 'ATAR' rank is used by universities to select students for entry.

Each course has four units. Unit 1 and Unit 2 in Year 11 and Unit 3 and Unit 4 in Year 12. Unit 1 and unit 2 **can** be studied as a pair (except VETIS which are paired) while unit 3 and unit 4 **must** be studied as a pair.

Unlike other WACE courses, VETIS course units are paired in both the Year 11 and Year 12. A student who withdraws from a VETIS course after only one semester will not receive VETIS course unit credit for that academic year.

Permission for a student to change courses is a school decision and for students to still achieve course unit credits, a change can only be made early in Year 12, before the cut-off date set by the Authority. In Year 11 it is possible after the completion of Unit 1, or at the end of Year 11 after the completion of Unit 2. A student who withdraws from a VET course does not achieve course unit credits.



Literacy and numeracy

You must demonstrate minimum literacy and numeracy standards based on skills regarded as essential for individuals to meet the demands of everyday life and work. These standards are equivalent to Level 3 of the *Australian Core Skills Framework*. For the WACE literacy standard, you must:

- complete at least four units of an English course (English, Literature or English as an Additional Language or Dialect) post-Year 10, studied over at least two years
- meet the minimum standard of literacy either by achieving Band 8 or higher in the reading and writing components of the Year 9 National Assessment Program – Literacy and Numeracy (NAPLAN) or by successfully completing the literacy components of the Authority's Online Literacy and Numeracy Assessment (OLNA) in Year 10 or subsequently.

For the WACE numeracy standard, you must achieve either Band 8 **or** higher in the numeracy component of Year 9 NAPLAN or successfully complete the numeracy component of the OLNA in Year 10, or subsequently. This means that if you have achieved Band 8 or above in the reading, writing or numeracy component of the Year 9 NAPLAN you will be considered to have *pre-qualified* for that component.

Sitting the On-line Literacy and Numeracy Assessment - OLNA

If you **have not** pre-qualified in reading, writing or numeracy you are required to sit the corresponding component/s of the OLNA in Semester 1 of Year 10. If you do not meet the standard in Semester 1, then you must sit the OLNA in Semester 2, Year 10, and, if required, Semester 1, Year 11. You will have up to six opportunities (in March and September of each year) before completing Year 12 to demonstrate the WACE minimum standard of literacy and numeracy. If you are an international and/or mature-age student, you are required to sit the OLNA at the first available opportunity.

If you **have not** pre-qualified through NAPLAN, and choose **not** to sit the OLNA, you will **not** qualify for the WACE.

If you have a condition/s that may significantly limit your capacity to participate in the OLNA, disability adjustment provisions for timed assessments are available.

If you are a student with a disability or have additional needs and choose not to sit the assessment or have not demonstrated the standard through your performance in Year 9 NAPLAN you will not qualify for the WACE. It is important that you and your parents/guardians/carers discuss your options with appropriate staff members at your school.

After discussions with parents/guardians/carers and the school, you may choose not to sit the OLNA, however, this means that you will not achieve the WACE.



Vocational Education and Training (VET) Programs

VET is recognised and accredited across Australia. VET programs give students the opportunity to gain core skills for work and, in some cases, complete training in industry through workplace learning.

As with the WACE courses, the VET programs available to students do vary and students should discuss VET opportunities with the careers counsellor.

VET can contribute up to eight of the twenty units you need to achieve your WACE.



Endorsed Programs

Endorsed programs address areas of learning not covered by WACE courses. Examples may include workplace learning, Cadets WA, performance in school productions and independently administered examinations in music, speech and drama.

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. Students should discuss endorsed programs opportunities with the careers counsellor or Deputy Principal.

Multiple pathways to achieve the WACE

The WACE breadth and depth of study requirement previously outlined, specifies that students must complete a minimum of 20 units (10 courses) during Years 11 and 12, including a minimum of 10 Year 12 units or equivalents. Students may use ATAR courses, general courses, foundation courses, VET programs/Certificate qualifications or endorsed programs to meet this requirement.

Limits to the number of VET programs and endorsed programs that may contribute to achievement of the WACE do apply. In summary, students can gain unit equivalence of up to four Year 11 units and four Year 12 units on the basis of completed VET programs or Certificate qualifications completed but a maximum of four units only from other endorsed programs.



2020

In order to provide a broader range of curriculum offerings to students an education alliance has been formed between Dianella Secondary College, Balga, Eastern Hills, Girrawheen and Morley Senior High Schools. The purpose of this alliance is to allow students at these schools expanded access to senior school curriculum choices beyond what is offered at their home school.

Students accessing these shared courses at network schools will be required to make their own travel arrangements to or from the host school at the start and end of the school day. It is planned however that travel between the host schools and home schools during the school day will be provided by the network schools.

The program available to Morley Senior High School students at our partnering schools is:

SIT20312 Certificate II in Kitchen Operations at Dianella Secondary College

(Delivered in partnership with Hospitality Group Training - RTO 0386 )

The Dianella Secondary College Hospitality Trade Training Centre offers students in Year 11 who are interested in the hospitality industry the opportunity to work in a commercial kitchen and cafe. This program is suitable for students who have a passion for hospitality and would like to pursue an industry pathway.

The Pathway links include:

Certificate III Hospitality
Certificate III Commercial Cookery
Hospitality industry apprenticeship



The Pre- Apprenticeship

AUR 20516 Certificate II in Automotive Servicing Technology

(Delivered by Morley SHS RTO 50638 )

The Morley Automotive Trade Training program is a flexible learning program available every year and designed for students in Year 11 who want to gain direct entry into the world of work or training while still working towards their Secondary Graduation. The program is suitable for students:

- who have a passion and a commitment to the automotive industry and would like to work in, and are clearly directed towards, achieving this goal.
- who would like a quicker and more meaningful transition into either work or training.
- who would like a **pre-apprenticeship in addition to Secondary Graduation.**



The Benefits

In the current employment climate, students undertaking the AUR 20516 Certificate II in Automotive Servicing Technology will have the opportunity of making a successful transition into full time automotive apprenticeships, other traineeships, further TAFE training or full time employment. All students who successfully complete this national qualification will have their indentured period of an automotive **apprenticeship reduced by 6 months.**

The program involves **3 days' equivalent of a school program, a day's equivalent of trade training and one day a week in the workplace.**

3 Days per week - The School Program

The school based program provides a broad general education for students. It involves the study of eight courses of study over two years which will include:

- ***Mathematics***
- ***English***
- ***A Technologies subject***
- ***Careers and Enterprise***

The above program is designed to enable the student to achieve Secondary Graduation (the Western Australian Certificate of Education) by the end of Year 12 if the courses are passed by the student.

2 Days per week - The 'Training' Program

The training program is made up of:

- **1 day per week - Automotive training in the Trade Training Centre**
- **1 day per week - Workplace Learning in the automotive industry**

REQUIREMENTS FOR UNIVERSITY ADMISSION - 2022

To be considered for university admission as a school leaver applicant you must:

1. meet the requirements for the **Western Australian Certificate of Education (WACE)** prescribed by the School Curriculum and Standards Authority, and
2. achieve **competence in English** as prescribed by the individual universities, and
3. obtain a sufficiently high **ATAR/Selection Rank** for entry to a particular course, and
4. satisfy any prerequisites or special requirements for entry to particular courses.



PORTFOLIO ENTRY PATHWAY TO ECU

Edith Cowan University offers an additional pathway for entry by school leavers. To be considered for admission by Portfolio Entry Pathway, school leavers must meet WACE, English competency requirements, satisfy any prerequisites or special requirements for entry to particular courses and have studied a minimum of four courses in Year 12. Applications will be partially assessed prior to release of final results and applicants may be required to attend an interview.

Detailed information about the requirements for the Portfolio Entry Pathway to ECU may be obtained from Student Recruitment on 134 328 or futurestudy@ecu.edu.au.

MEDIA AND CREATIVE PORTFOLIO ENTRY TO MURDOCH UNIVERSITY

In addition to the requirements outlined above, Murdoch University offers a portfolio pathway for admission to the Bachelor of Arts degrees in Communication and Media Studies, English and Creative Writing, Games Art and Design, Graphic Design, Journalism, Photography, Public Relations, Radio, Screen Production, Sound, Theatre and Drama, and Web Communication. Students must satisfy Murdoch's English requirement, as outlined below, and should apply through TISC but submit their portfolios directly to the Student Centre at Murdoch University. Portfolios will be assessed by academic staff in the relevant discipline. For more information see www.murdoch.edu.au.

COMPETENCE IN ENGLISH

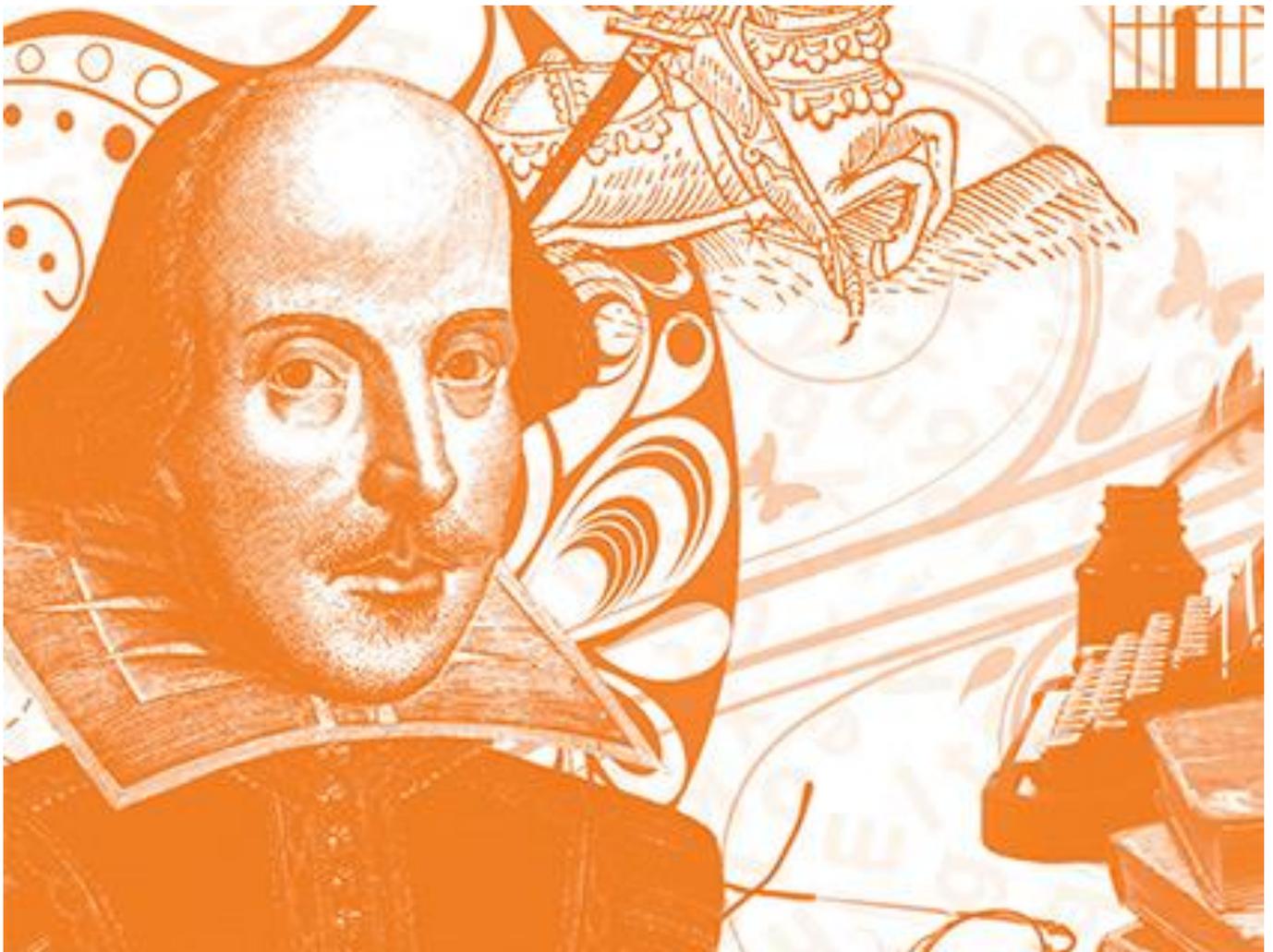
For university admission purposes students must demonstrate competence in English by achieving the prescribed standard in one of the courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EALD) ATAR.

The competence in English requirement may be met with Year 12 results obtained in any calendar year but it must be stressed that English as an Additional Language/Dialect ATAR can only be taken by students who meet eligibility criteria set by the School Curriculum and Standards Authority.

ATAR - ENGLISH; LITERATURE; ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT

To qualify for Curtin University, Murdoch University and The University of Western Australia students must achieve a scaled score of at least 50 in any of the above listed subjects. Students applying for Edith Cowan University on the other hand must also achieve a scaled score of at least 50 but may also qualify with a letter grade of A, B or C in units 3 and 4 studied in Year 12.

Universities do grant concessions in certain circumstances for the English competence requirement and students are encouraged to contact the respective university for more information or clarification of the concessions they offer in this regard.



ATAR - THE AUSTRALIAN TERTIARY ADMISSION RANK

The Australian Tertiary Admission Rank is the basis of admission to most university courses. Students are ranked in order of merit based on their ATAR.

The ATAR ranges between zero and 99.95. It reports the student's rank relative to all other WA students of Year 12 school leaving age and takes into account the number of students with a Tertiary Entrance Aggregate (TEA) as well as the number of people of Year 12 school leaving age in the population of this state. An ATAR of 75.00 indicates that you have an overall rating equal to or better than 75% of the Year 12 school leaving age population in Western Australia.

The ATAR is calculated using scaled scores in courses.

All course results are scaled to ensure fairness to all students. A scaled score for an ATAR course can only be calculated if a student sits the WACE examination for that course.

The ATAR is derived from the **Tertiary Entrance Aggregate (TEA)**. The TEA will be calculated by adding a student's best four scaled plus any applicable course - specific bonuses, as detailed below, based on the following rules:

- Courses which can be used in the ATAR are listed on the next page.
- For all universities you may accumulate scaled scores which contribute to your ATAR over **five** consecutive years, with no subject or course counting more than once. You may use previous scaled scores back to 2015.
- No more than two mathematics scaled scores can be used in the calculation of an ATAR.
- There are unacceptable course combinations whereby scores in both courses cannot both be used (see explanation under *Unacceptable Course Combinations* in the following pages.).
- **A bonus of 10%** of a **LOTE** scaled score is added to the aggregate of the best four scaled scores. If more than one LOTE has been sat, only the best LOTE scaled score will be used as the LOTE bonus. Students receive the LOTE bonus irrespective of whether the LOTE course scaled score was counted as one of the best four.
- A **Mathematics bonus of 10%** of the scaled score for each of Mathematics: Methods ATAR and Mathematics: Specialist ATAR is added to the aggregate of the best four scaled scores. You receive the Mathematics bonus irrespective of whether your Mathematics Methods ATAR and/or Mathematics Specialist ATAR course scaled scores are counted in the best four.
- In calculating the scaled score, equal weight is given to the final school mark and the final examination mark.
- The **maximum TEA is 430**.

ATAR
rank
VCE **StudyScore**
SACS **Aggregate** UniEntry
SATS **Scaling** Exams



COURSES WHICH ARE USED TO FORM THE ATAR

There are two groups of courses: ATAR and General courses. Only ATAR courses can be included in the ATAR, and students must have sat the external examination to obtain a scaled score.

ATAR Courses available at MSHS

Accounting and Finance ATAR

Aviation ATAR

Biology ATAR

Chemistry ATAR

Chinese: First Language ATAR

Chinese: Second Language ATAR

Computer Science ATAR

Economics ATAR

English ATAR

English as an Additional Language/Dialect (EALD) ATAR

Geography ATAR

Human Biology ATAR

Italian: Second Language ATAR

Japanese: Second Language ATAR

Literature ATAR

Mathematics: Applications ATAR

Mathematics: Methods ATAR

Mathematics: Specialist ATAR

Modern History ATAR

Physics ATAR

Politics and Law ATAR



UNACCEPTABLE COURSE COMBINATIONS – ATAR COURSES

From the course offerings at **Morley SHS**, you cannot use the following course combinations in calculating your ATAR. It may be possible to take both courses but the result in only one may be used to calculate your ATAR.

Chemistry ATAR **with** Integrated Science ATAR

Physics ATAR **with** Integrated Science ATAR

English ATAR **with** English as an Additional Language/Dialect ATAR

English ATAR **with** Literature ATAR

English as an Additional Language/Dialect ATAR **with** Literature ATAR

Chinese: Second Language ATAR **with** Chinese: First Language ATAR

Mathematics: Applications ATAR **with** Mathematics: Methods ATAR

Mathematics: Applications ATAR **with** Mathematics: Specialist ATAR



SELECTION RANKS

For most courses, Year 12 students will be selected for admission to university on the basis of their ATAR. However, some universities assign students who are eligible for alternative entry pathways a Selection Rank that is higher than their ATAR. For these students, selection into courses at the university concerned is based on this enhanced Selection Rank.

For further details about alternative entry pathways contact the respective university.



REQUIREMENTS FOR UNIVERSITY ADMISSION

Students should make sure that they satisfy the prerequisites for admission to the university course of their choice. Prerequisites are courses or special requirements that must be successfully completed for entry to particular university courses.

Generally a scaled score of 50 or more in an ATAR course is required for prerequisites purposes. Please consult the relevant university course books for more details.

Murdoch University does not require applicants to have undertaken specific prerequisite courses and instead provides introductory units to enable its students to become skilled in specific areas in which they may be lacking.

For some university courses the special requirements may include bridging/special course units, interviews, auditions, folio presentations, manual dexterity tests, aptitude tests, fitness requirements, etc. Detailed information is available from the individual universities.



CAREERS AND EDUCATION SITES

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

Apprenticeships and Traineeships

www.dtwd.wa.gov.au/apprenticeship-office

Australian Defence Force Academy

www.defencejobs.gov.au

Australia wide job search

www.jobsearch.gov.au

Career One

www.careerone.com.au

Career research

www.careersonline.com.au

Centrelink

www.centrelink.gov.au

Curtin University

www.curtin.edu.au

Edith Cowan University

<http://ecugreatcareers.com>

Murdoch University

www.murdoch.edu.au

My Future

www.myfuture.edu.au

Seek

www.seek.com.au

TAFEWA course information

www.dtwd.wa.gov.au

Tertiary Institutions Services Centre

www.tisc.edu.au

University of Notre Dame

www.nd.edu.au

University of Western Australia

www.studyat.uwa.edu.au

Vacancies Australia wide

www.seek.com.au

Western Australian Government

www.wa.gov.au



ENDORSED PROGRAMS

An endorsed program is a significant learning program that has been developed for students in Years 11 and 12. The program may have been developed by the Authority, or it may have been developed by a private provider, such as a university, community organisation, training institution, or a school, and subsequently endorsed by the School Curriculum and Standards Authority.

Endorsed programs address areas of learning not covered by courses. Each endorsed program consists of a series of lessons, classes and/or activities designed to lead to the achievement of a common goal or set of learning outcomes. Endorsed programs can be delivered as part of the school curriculum or as extra-curricular activities.

All endorsed programs successfully completed and reported to the Authority:

- are listed on the student's WASSA – West. Australian Statement of School Achievement
- may contribute towards the breadth-and-depth requirement of the WACE
- may contribute towards the C grade requirement of the WACE.

For WACE purposes a student can count a maximum of 4 unit equivalents from endorsed programs, **two in Year 11 and two in Year 12.**

Each endorsed program is allocated one, two, three or four unit equivalents.

An example of an Authority-developed endorsed program is the Workplace Learning program. Other endorsed programs available at Morley SHS are the nationally accredited Certificates or Vocational Education and Training (VET) courses listed in the following pages.

WORKPLACE LEARNING (ADWPL)

Workplace Learning is a Schools Curriculum and Standards Authority developed endorsed program and open to students in Years 11 and 12. To complete this endorsed program, a student works in one or more real workplace/s to develop a set of transferable workplace skills. The student must record the number of hours completed and the tasks undertaken in the workplace in the Authority's *Workplace Learning Logbook*. The student must also provide evidence of his/her knowledge and understanding of the workplace skills by completing the Authority's *Workplace Learning Skills Journal* after each 55 hours completed in the workplace. Unit equivalence is allocated on the basis of 1 unit equivalent for each 55 hours completed in the workplace, to a maximum of 4 units. The total number of hours completed in the workplace is reported on the student's WASSA – West. Australian Statement of School Achievement.

Content

All students involved in workplace learning at Morley SHS spend three complete weeks in a designated workplace. Each student is usually required to attend the workplace in Week 9 of Terms 1, 2 and 3. Students who are absent for any part of this period are also required to complete additional catch-up hours during Week 2 of Term 4. To achieve endorsed units towards graduation in any given year students must:

- complete a total of a minimum of 55 up to 110 hours in the workplace
- maintain a log book documenting workplace attendance
- provide evidence of tasks undertaken
- answer 20 prescribed questions pertaining to their work placement
- have their log books signed off by the employer's

CERTIFICATE COURSES

Morley SHS offers students the opportunity to complete any of the **9 nationally accredited certificate courses** listed below while they undertake studies towards Secondary Graduation at Morley Senior High School. Previously these courses were only accessible by attending TAFE after secondary graduation. To complete the certificate, and therefore gain WACE credits, the courses listed must be studied in both years 11 and 12 as no credit is given towards graduation for partial completion of these programs.

Certificate II Courses

- Automotive Servicing Technology (Pre – Apprenticeship)**
- Automotive – Vocational Preparation**
- Business**
- Construction Pathways**
- Creative Industries – Media**
- Engineering Pathways – Metals**
- Sport and Recreation**

Certificate III Courses

- Screen and Media - Multimedia**
- Visual Arts**

AUR20516

CERTIFICATE II in AUTOMOTIVE SERVICING TECHNOLOGY (Pre-Apprenticeship)

(Delivered by Morley SHS RTO 50638)



AUR20516 Certificate II in Automotive Servicing Technology is a course which has no prerequisite requirements. Students will be able to complete this school based course in two years.

This is a comprehensive start in the automotive industry. Skills taught include servicing cars, troubleshooting, dismantling and assembling engines, servicing and repairing brakes, understanding and repairing cooling systems, servicing fuel injection systems, changing tyres and wheels, servicing gearboxes, transmissions and final drives, basic electrical and general repairs on cars.

This is for students who have an interest in cars and understanding how they work and what has to be done to keep them in working order. Students who wish to become Automotive Technicians and those who have other automotive aspirations will benefit from this course.

Students will spend one day in the workshop and one day in industry each week. **Industry standard safety clothing and footwear is expected of all students.** Students must complete the following units to obtain AUR20516 Certificate II in Automotive Servicing Technology:

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURAF A003	Communicate effectively in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURETR012	Test and repair basic electrical circuits
AURETR015	Inspect, test and service batteries
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies
AURTTA004	Carry out servicing operations
AURTTB001	Inspect and service braking systems
AURTT C001	Inspect and service cooling systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTE004	Inspect and service engines
AURTT F001	Inspect and service petrol fuel systems
AURTTJ001	Balance wheels and tyres
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies
AURTTQ003	Inspect and service drive shafts
AURTTX002	Inspect and service manual transmissions



AUR20716 CERTIFICATE II in AUTOMOTIVE VOCATIONAL PREPARATION

(Delivered by Morley SHS RTO 50638)



AUR20716 Cert II in Automotive Vocational preparation is a course which has no prerequisites. Students will be able to complete this school based course in two years. This course is primarily for students who are interested in the automotive area as a hobby or just have an interest in cars. Skills taught include servicing cars, problem-solving, changing wheels and tyres as well as maintaining automotive tools and equipment.

Job roles and employment outcome

The certificate II in Automotive Vocational Preparation prepares students to undertake work in the broader automotive industry.

Job roles related to this qualification include:

- Trades assistant
- Vehicle service assistant
- Automotive service assistant
- Trainee serviceperson
- Automotive trainee

Industry standard safety clothing and footwear is expected of all students in the school workshop.

Pathways from the qualification

Further training pathways from this qualification include AUR16 Training Package Certificate III qualifications or other relevant qualifications.

Students who wish to do the **pre-apprenticeship** course should enrol in AUR20516 Certificate II in Automotive Servicing Technology.

Units of Competence

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURAF A003	Communicate effectively in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR003	Identify automotive electrical systems and components
AURETR015	Inspect, test and service batteries
AURETR046	Remove and refit vehicle batteries
AURLTA001	Identify automotive mechanical systems and components
AURTTA003	Use and maintain basic mechanical measuring devices
AURTTA027	Carry out basic vehicle servicing operations
AURTTJ003	Remove and replace wheel and tyre assemblies
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURAF A004	Resolve routine problems in an automotive workplace

Course Cost: \$110

BSB20115 CERTIFICATE II in BUSINESS

(Delivered by Morley SHS RTO 50638)



Take the first step towards a career in the business world by completing the **nationally recognised** Certificate II in Business course. There are over 200 000 million businesses in Australia. This significant employer group seeks employees who demonstrate business knowledge and skills to maximise their organisation's continued growth and profitability.

The Certificate II in Business course is especially designed for those students seeking an entry-level career as an administration assistant, clerical worker, data entry operator, information desk clerk, office junior or receptionist. The course provides the opportunity for students to develop skills, knowledge, understanding and gain practical competence in areas such as financial management, business communication and business technology, as well as develop their creativity, leadership and teamwork skills.



The Certificate II in Business will be delivered as a stand-alone course over two (2) years (Years 11 and 12). Students will have to demonstrate competency in each of the twelve (12) units listed below to be awarded the Certificate II in Business.

Core Unit

BWBWHS201 Contribute to the health and safety of self and others

Specialist / Elective Units

BSBCMM201 Communicate in the workplace
 BSBINM201 Process and maintain workplace information
 BSBIND201 Work effectively in a business environment
 BSBCUS201 Deliver a service to customers
 BSBITU211 Produce digital text documents
 BSBITU212 Create and use spreadsheets
 BSBITU213 Use digital technologies to communicate remotely
 BSBWOR202 Organise and complete daily work activities
 BSBWOR203 Work effectively with others
 BSBWOR204 Use business technology
 BSBITU312 Create electronic presentations

Course Cost: \$54

CPC 20211 CERTIFICATE II in CONSTRUCTION PATHWAYS

(Delivered in partnership with AIET, RTO 121314 )

The construction industry employs over one million people in Australia and is comprised of a diverse range of trades and professional career pathways.

Training in a Certificate II in Construction provides students with an introduction into the construction industry, its culture, occupations, job roles and workplace expectations. The qualification is built around several construction projects that integrate the skills of bricklaying, carpentry, concreting and using tools and materials safely. **Industry standard safety clothing and footwear therefore is expected of all students.**

Students will have to demonstrate competency in each of the units listed below to be awarded the CPC 20211 Certificate II in Construction:

CPCCCM1012A	Work effectively and sustainably in the construction industry.
COCCOHS1013A	Plan and organise work.
CPCCCM1015A	Carry out measurements and calculations.
CPCCCM1014A	Conduct workplace communication.
CPCCCM2001A	Read and interpret plans and specifications.
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCB2001A	Handle and prepare bricklaying and block laying materials.
CPCCB2002A	Use bricklaying and block laying tools and equipment.
CPCCCA2002A	Use carpentry tools and equipment.
CPCCCA2001A	Handle carpentry materials.
CPCCCO2013A	Carry out concreting in simple forms.
CPCCCM2006A	Apply basic leveling procedures.

Training for this qualification is suitable for vocationally orientated learners as well as learners with no previous connection with the construction industry.

Course Cost: \$110

CUA20215 CERTIFICATE II in CREATIVE INDUSTRIES (Media & TV broadcasting context)

(Delivered by Morley SHS RTO 50638 )

This course is suitable for students with an interest in working in the media, with an emphasis on television and film production. The qualification is designed to reflect the skills and roles of entry level employees in the creative industry sectors. It could also lead to jobs such as Film and Television Producer's Assistant, Production Assistant, Camera Operator, Editor, Sound Assistant or Mixer. A number of graduates of certificate courses in media provided by Morley SHS have established careers in the media industry, ranging from television journalists and camera operators through to radio and television producers. This preparatory qualification is a pathway into a Certificate III in Screen and Media (CUA31015).

Morley Senior High School uses its on-campus television studio to simulate the real working environment of a professional television station. Students enrolled in the Certificate II in Creative Industries develop realistic skills and knowledge through the production of the school's informational morning TV program, *Morley Vision*. They undertake a range of pre-production and production roles required to produce a television program, including director, camera operator, host, newsreader and audio technician. Students are also involved in the production of other media products for clients as the need arises. Through this simulated workplace environment, enrolled students are assessed on their achievement of the competencies listed below. To receive the Certificate II in Creative Industries students will have to demonstrate the requirements of the ten competencies listed below over two years.



Core Units

CUAWHS302	Apply work health and safety practices
BSBWOR203	Work effectively with others
CUAIND201	Develop and apply creative arts industry knowledge

Elective units

CUAPOS201	Perform basic vision and sound editing
CUASOU201	Develop basic audio skills and knowledge
CUASOU202	Perform basic sound editing
CUAAIR201	Develop techniques for presenting information on air
CUACAM201	Assist in a basic camera shoot
CUASOU203	Assist with sound recordings
CUASOU204	Mix sound in a broadcasting environment

The booming creative industries sector brings colour and vibrancy to everyday life. You will learn skills in shooting video, audio and sound, editing, techniques for presenting information in a TV Studio and creating a live TV show. Students have access to our modern facilities and gain skills on the industry standard equipment for TV studio, video, audio and sound activities.

This course is a great introduction to the exciting Media sector and a great precursor to all things media and digital media related. With further study, possible careers include: Director, Producer, Editor, Camera Operator, Cinematographer, Lighting Operator, Broadcasting Technician, Sound Technician, Audio-visual Technician, Presenter, and Journalist.

Course Cost: \$50

MEM20413 CERTIFICATE II in ENGINEERING PATHWAYS

(Delivered in partnership with A I E T, RTO 121314 )

The Certificate II in Engineering is a practical course that will further develop a student's knowledge and skills in the manufacture and fabrication of projects using techniques such as arc welding, brazing, soldering and oxy acetylene welding. Students will also further develop design, machining and assembly skills using a range of production techniques and equipment relating to metalwork.

This course offers a focused pathway to an apprenticeship within the engineering industry. This training program is based on a nationally endorsed training package and is recognised anywhere in Australia. The qualification is designed to reflect an entry role into the industry and **industry standard safety clothing and footwear therefore is expected of all students.**

The course prepares students to perform routine tasks under direct supervision and the qualification will be delivered over two years and the following units of competence must all be achieved.

MEM15002A	Apply Quality procedures
MEM09002B	Interpret technical drawing
MEM12024A	Perform computations
MEM16008A	Interact with computer technology
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM15024	Apply quality procedures
MEM13014A	Apply principles of occupational health and safety
MEM14004A	Plan to undertake a routine task
MEM14005A	Plan a complete activity
MEM12023A	Perform engineering measurements
MEM18001C	Use hand tools
MEM18002B	Use power tools/handheld operations
MEM07032B	Use workshop machines for basic operations
MEM05012C	Perform routine manual metal arc welding
MEM5004C	Perform routine oxy acetylene welding
MEM5006B	Perform brazing and/or silver soldering
MEM03003B	Perform sheet and plate assembly

Course Cost: \$110

SIS20115**CERTIFICATE II in SPORT AND RECREATION**(Delivered in partnership with Aiet, RTO 121314 )

This qualification provides the skills and knowledge for an individual wishing to work in the sport and recreation industry. Likely functions for someone with this qualification can include providing support in the provision of sport and recreation programs, grounds and facilities maintenance, retail and customer service assistance, administrative assistance in locations such as fitness centres, outdoor sporting grounds or complexes and aquatic centres.

Students should have a strong interest in the sport and recreation industry if they are choosing to enrol in this course. Students are encouraged to be involved in sporting/recreation areas outside of school. It is also recommended students have a good fitness and skills base developed in lower school Physical Education and a desire to improve in both areas. The focus will be on range of sports including netball, basketball, lawn bowls, golf, tennis, volleyball and many others. This course is delivered over two years and 13 units must be completed by students to receive the qualification, comprised of 8 core units and five elective units from the list below.

Core Units

BSBWOR202	Organise and complete daily work activities
HLTAID003	Provide first aid
SISXEMR001	Respond to emergency situations
SISXIND002	Maintain sport, fitness and recreation industry knowledge
HLTWHS001	Participate in workplace health and safety
SISXCAI002	Assist with activity sessions
SISXCCS001	Provide quality service
SISXIND001	Work effectively in sport, fitness and recreation environments

Electives

SISSSCO101	Develop and update knowledge of coaching practices
SISSSCO202	Implement sports injury prevention
SISXCAI101A	Provide equipment for activities
SISXCAI102A	Assist in preparing and conducting sport and recreation sessions
SISSSOF101	Develop and update officiating knowledge
SISXFAC001	Maintain equipment for activities

Course Cost: \$120

CUV31115**CERTIFICATE III in VISUAL ARTS**

(Delivered in partnership with A I E T R T O 121314)



This course is suited to students with an interest in design and visual art production with an emphasis on contemporary art production. The course prepares students for a wide range of creative industries, from design careers like graphic design, fashion design and game design through to more art focussed careers like being a sign writer, artist or illustrator.

Core Units

BSBWHS201	Contribute to health and safety of self and others
CUAPPR301	Produce creative work
CUAACD201	Develop drawing skills to communicate ideas
CUARES301	Apply knowledge of history and theory to own arts practice

Elective Units

CUAPAI201	Develop painting skills
CUAPAI301	Produce paintings
CUAPPR407	Select and prepare creative work for exhibition
CUADRA201	Develop drawing skills
CUADRA301	Produce drawings
BSBDES301	Explore the use of colour
CUAPPR302	Document the creative work progress
BSBCRT101	Apply critical thinking techniques

Course Cost: \$106

COURSES LIST & SUMMARIES

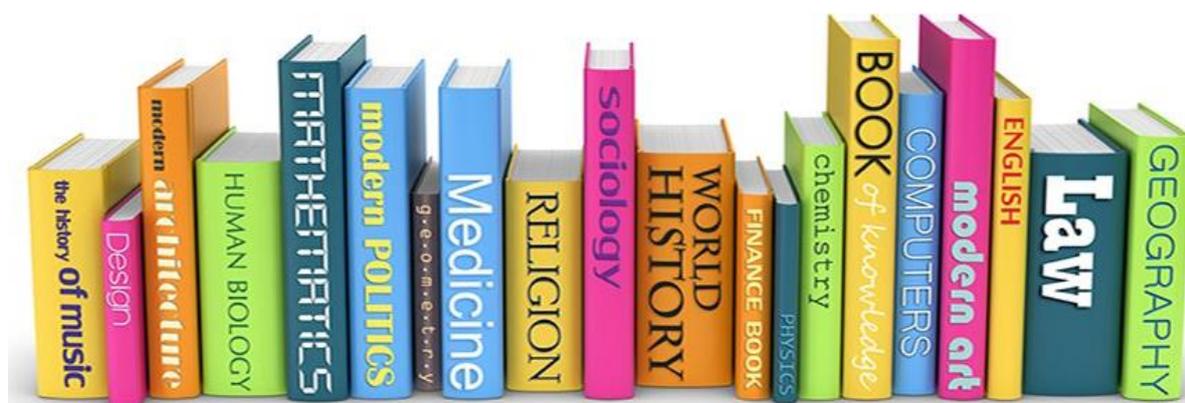
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NOTE: Due to timetabling constraints, it may not be possible to timetable subjects if they are chosen by a small number of students.

Courses Listing

General and ATAR Courses available at Morley SHS

General Courses School assessment only (moderated with externally set task)	ATAR Courses 50% external examination, 50% school assessment
Applied Information Technology	Accounting and Finance
Aviation	Aviation
Career and Enterprise	Biology
Dance	Chemistry
Design – Photography or Graphic Art	Chinese: First Language
English General	Chinese: Second Language
English as an Additional Language/Dialect	Computer Science
Food Science and Technology	Economics
Geography	English
Health Studies	English as an Additional Language/Dialect
Integrated Science	Geography
Materials Design and Technology	Human Biology
Mathematics Essential	Italian: Second Language
Music	Japanese: Second Language
Physical Education Studies	Literature
The Business Management and Enterprise General	Mathematics Methods
	Mathematics Applications
	Mathematics Specialist
	Modern History
	Physics
	Politics and Law



COURSE SUMMARIES – ATAR and General

THE ARTS

Dance: General

Design: General

Music: General

DANCE GENERAL

The Dance General course acknowledges the interrelationship between practical and theoretical aspects of dance – the making and performing of movement and the appreciation of its meaning. Through decision-making in individual and group work, students use a wide range of creative processes, such as improvisation and the use of choreographic elements and devices to create dance works. They also learn how dance styles and forms are historically derived and culturally valued. Through dance, students experience an intrinsic sense of enjoyment and have an opportunity to achieve a high level of movement skills.

DESIGN GENERAL - Graphics / Photography

In the General Design courses students develop skills and processes for current and future industry employment markets. Students are equipped with the knowledge and expertise to understand design principles and processes, analyse problems and devise innovative strategies through projects. Students are able to focus on particular contexts from either Graphics or Photography. In the Graphics course students follow the design process and are taught to utilise Adobe programs to create logos, posters and at the same time design the school Year Book cover. In the Photography course students follow the design process and are taught how to use Digital SLR cameras and the photography studio whilst finalising their works in Adobe Photoshop. The General Design courses are practical and provide hands-on experience in creating design solutions.

Course Cost: \$100



MUSIC GENERAL

The General Music course encourages students to explore a range of musical experiences which develop their music skills and understanding as well as their musical creativity. The course consists of a written component incorporating aural and theory elements as well as composition and arranging skills. Included is the investigation and analysis of an array of musical styles. The practical component of this course allows students to select an instrument or voice for performance, providing opportunity for further creative expression. Students are required to be involved in one of the extra-curricular ensembles (before or after school) in consultation with the Music Co-ordinator.

Course Cost: \$100

ENGLISH

English: ATAR, General,

English as an Additional Language or Dialect: ATAR, General,

Literature: ATAR,

ENGLISH ATAR

Prerequisites: Minimum of a B in Year 10 English.

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

Course Cost: \$130

ENGLISH GENERAL

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

Course Cost: \$80

ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT ATAR

Prerequisites: Meet the eligibility criteria as outlined on the following page.

The EAL/D courses are designed for students who speak another language or dialect as their first or 'home' language. EAL/D focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. The EAL/D ATAR course develops academic English skills to prepare students for tertiary study.

The concepts studied in this course are complex and require depth of understanding and hard work. This is an ATAR course, however, it is recognised that students who have English as an additional language typically develop oral language skills more rapidly than written language skills and the assessments in this course reflect this fact. Assessments include a high percentage of listening and speaking tasks. Students who have good oral skills and understanding will benefit greatly from this approach.

Course Cost: \$80



ENGLISH AS AN ADDITIONAL AS AN ADDITIONAL LANGUAGE/DIALECT GENERAL

The EAL/D courses are designed for students who speak another language or dialect as their first or 'home' language. EAL/D focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. The EAL/D General course prepares students for a range of post-secondary destinations in further education, training and the workplace.

The concepts studied in this course are similar to those studied in the General English course. However, it is recognised that students who have English as an additional language typically develop oral language skills more rapidly than written language skills and the assessments in this course reflect this fact. Assessments include a high percentage of listening and speaking tasks. Students who have good oral skills and understanding will benefit greatly from this approach.

Course Cost: \$80

Eligibility for enrolment in English as an Additional Language/Dialect (EALD)

Students who speak English as a second language may apply to enrol in an EALD course in Year 11. Students must complete an application form at the end of Year 10 and it is the responsibility of individual students to complete this form accurately. *This Eligibility Application Form must be forwarded, with the supporting documentation, through the school, to the School Curriculum and Standards Authority prior to enrolment. Copies of this form are available on the School Curriculum and Standards Authority website (www.scsa.wa.edu.au) on the EAL/D course page. Students who wish to enrol in EALD in Year 12 for the first time must also follow this process.*

The EAL/D course will be available to a student in Year 12:

- *whose first language is not English and who has not been a resident in Australia or another predominantly English speaking country for a total period of more than seven years immediately prior to 1 January of the year of enrolment into Year 12, AND for whom English has not been the main medium of communication and/or instruction for more than seven years immediately prior to 1 January of the year of enrolment into Year 12.*
- *who is Aboriginal or Torres Strait Islander, or from Cocos Island or Christmas Island, for whom SAE has been the medium of instruction, but for whom SAE is an additional language/dialect, and whose exposure to SAE is primarily within the school context.*
- *who is deaf or hard-of-hearing and communicates using signing, such as Auslan, as their first language.*
- *whose first language is not English and who was born outside Australia and has had little or no formal education prior to arriving in Australia.*
- *whose first language is not English and who was born outside Australia or in a remote part of Australia and has had a disrupted formal education whose first language is not English and who has been a resident in Australia for more than seven years prior to 1 January of the year of enrolment into Year 12, but who has had little or disrupted formal education in SAE, resulting in significant disadvantage.*

NOTE: *If a student other than a Year 12 student applies to enrol to sit for the WACE examination, they must meet the eligibility requirements.*

LITERATURE ATAR

Prerequisites: Minimum of a B in Year 10 English

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

Course Cost: \$80

HEALTH AND PHYSICAL EDUCATION

Health Studies, General

Physical Education Studies: General

HEALTH STUDIES GENERAL

In this General course students explore health as a dynamic quality of life. They will consider the way in which beliefs and attitudes influence health decisions and learn how to plan and take action that will promote their own health and the health of others. They examine the impact of social and environmental factors on health and use inquiry skills to investigate and respond to relevant issues. The course also provides students with opportunities to develop skills that will enable them to pursue careers in health promotion, research or community health care.

Course Cost: \$40

PHYSICAL EDUCATION STUDIES GENERAL

Physical Education Studies contributes to the development of students' physical, social and emotional growth. The Physical Education Studies General course provides students with opportunities to understand and improve performance through the integration of theoretical concepts and practical activities. Through engagement as performers, leaders, coaches, analysts and planners of physical activity, students may develop skills that can be utilised in leisure, recreation, education, sport development, youth work, health and medical fields.

Course Cost: \$120

HUMANTIES AND SOCIAL STUDIES

Accounting and Finance: ATAR,

Career and Enterprise: General,

Economics: ATAR,

Geography: ATAR, General

Modern History: ATAR,

Politics and Law: ATAR,



ACCOUNTING AND FINANCE ATAR

Prerequisites: Minimum of a C in Year 10 Maths and 60% in Year 10 English

The Accounting and Finance ATAR course focuses on financial literacy and aims to provide students with the knowledge, understandings and a range of skills that enables them to make sound financial judgements. Students develop an understanding that financial decisions have far reaching consequences for individuals and business. The course will provide students with the understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. Through the preparation, examination and analysis of a variety of financial documents and systems, students develop an understanding of the fundamental principles and practices upon which accounting and financial management are based. An understanding and application of these principles and practices enables students to analyse their own financial data and that of businesses and make informed decisions, forecasts of future performance, and recommendations based on that analysis.

Course Cost: \$60

CAREER AND ENTERPRISE GENERAL

Career education involves learning to manage and take responsibility for personal career development. The Career and Enterprise General course involves recognising one's individual skills and talents, and using this understanding to assist in gaining and keeping work. The course develops a range of work skills and an understanding of the nature of work. Key components of the course include: the development of an understanding of different personality types and their link to career choices; entrepreneurial behaviours; learning to learn; and the exploration of social, cultural and environmental issues that affect work, workplaces and careers.

Course Cost: \$44

ECONOMICS ATAR

Prerequisites: Minimum of a B in HASS and 60% in Year 10 English

Economics explores the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. The Economics ATAR course aims to develop students' ability to analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. The study of Economics provides a framework for examining society's issues and identifying possible solutions which assist decision making. The emphasis of the course is on the Australian economy.

Course Cost: \$40

GEOGRAPHY ATAR

Prerequisites: Minimum of a B in HASS and 60% in Year 10 English

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.

Course Cost: \$68

GEOGRAPHY GENERAL

In the Geography General 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. Geography as a discipline values imagination, creativity and speculation as modes of thought. It develops students' knowledge about the interconnections between places and explores the spatial patterns and processes related to environments at risk, and to the protection of such environments through management at local, regional and global levels.

Course Cost: \$68

MODERN HISTORY ATAR

Prerequisites: Minimum of a B in HASS and 60% in Year 10 English

Studying the Modern History ATAR 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, including government papers, extracts from newspapers, letters, diaries, photographs, cartoons, paintings, graphs and secondary sources, in order to determine the cause and effect, and the motives and forces influencing people and events. Through the process of historical inquiry, students are encouraged to question and evaluate historical sources; identify various representations and versions of history; use evidence to formulate and support their own interpretations; and communicate their findings in a variety of ways.

Course Cost: \$40

POLITICS AND LAW ATAR

Prerequisites: Minimum of B in HASS and 60% in Year 10 English

The Politics and Law ATAR course provides a study of the processes of decision making concerning society's collective future. It aims to develop the knowledge of the principles, structures, institutions and processes of political and legal systems primarily in Australia. It brings together the executive, legislative and judicial branches of government to demonstrate how society is governed and how each branch of government is held to account. It examines the democratic principles practised in Australia and makes comparisons with other political and legal systems.

Course Cost: \$40

LANGUAGES

Chinese: Second Language: ATAR,

Chinese: First Language: ATAR

CHINESE: SECOND LANGUAGE ATAR

Prerequisites: Minimum of a B in Year 10 Chinese and 60% in Year 10 English

The Chinese Second Language ATAR course is designed to further develop students' knowledge and understanding of the culture and the language of Chinese-speaking communities, providing them with opportunities to gain a broader and deeper understanding of Chinese and extend and refine their communication skills. The course focuses on the interrelationship of language and culture, and equips students with the skills needed to function in an increasingly globalised society, a culturally and linguistically diverse local community, and provides them with the foundation for life-long language learning. Relevant and engaging tasks, delivered through a range of appropriate contexts and topics, develop literacy in the Chinese language as well as extend literacy development in English.

Course Cost: \$50

CHINESE: FIRST LANGUAGE ATAR

Prerequisites: Complete eligibility requirements and a B grade in Year 10 Chinese.

The Chinese First Language ATAR course is designed for students with a cultural and linguistic background in Chinese. The course focuses on the interrelationship of language and culture, and further enhances the skills students possess to function in an increasingly globalised society and a culturally and linguistically diverse local community. Through engagement with the Chinese-speaking communities, locally and overseas, and through the study of contemporary texts, themes and issues, students strengthen their literacy skills in both the Chinese and English languages.

Course Cost: \$50

ITALIAN: SECOND LANGUAGE ATAR

Prerequisites: Minimum of a B in Year 10 Italian and 60% in Year 10 English

The Italian Second Language ATAR course is designed to further develop students' knowledge and understanding of the culture and the language of Italian-speaking communities, providing them with opportunities to gain a broader and deeper understanding of Italian and extend and refine their communication skills. The course focuses on the interrelationship of language and culture, and equips students with the skills needed to function in an increasingly globalised society, a culturally and linguistically diverse local community, and provides them with the foundation for life-long language learning. Relevant and engaging tasks, delivered through a range of appropriate contexts and topics, develop literacy in the Italian language as well as extend literacy development in English.

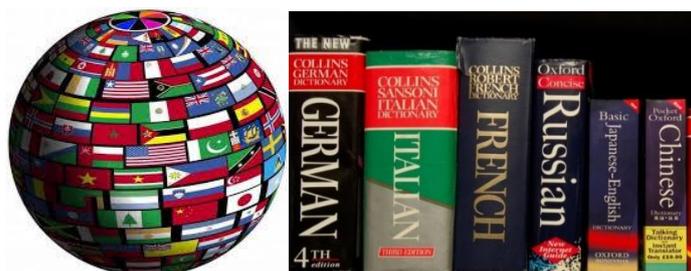
Course Cost: \$50

JAPANESE: SECOND LANGUAGE ATAR

Prerequisites: Minimum of a B in Year 10 Japanese and 60% in Year 10 English

The Japanese Second Language ATAR course is designed to further develop students' knowledge and understanding of the culture and the language of Japanese-speaking communities, providing them with opportunities to gain a broader and deeper understanding of Japanese and extend and refine their communication skills. The course focuses on the interrelationship of language and culture, and equips students with the skills needed to function in an increasingly globalised society, a culturally and linguistically diverse local community, and provides them with the foundation for life-long language learning. Relevant and engaging tasks, delivered through a range of appropriate contexts and topics, develop literacy in the Japanese language as well as extend literacy development in English.

Course Cost: \$50



Application for enrolment in a language course!

All students wishing to study a WACE language course are required to complete an application for permission to enrol in a WACE language course in the year prior to first enrolment in the course, to ensure that students select the course best suited to their linguistic background and educational needs. Information about the process, including an application form, is sent to schools at the end of Term 2.

Further guidance and advice related to enrolments in a language course can be found on the Authority website at www.scsa.wa.edu.au

MATHEMATICS

Mathematics Essential: General

Mathematics Applications: ATAR

Mathematics Methods: ATAR

Mathematics Specialist: ATAR

The four mathematics courses are differentiated, each focusing on a pathway that will meet the learning needs of a particular group of senior secondary students.

MATHEMATICS ESSENTIAL GENERAL

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

Course Cost: \$40

MATHEMATICS APPLICATIONS ATAR

Prerequisites: Minimum of a B in Year 10 Maths

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

The Mathematics Applications ATAR course is designed for students who want to extend their mathematical skills beyond Year 10 level, but whose future studies or employment pathways do not require knowledge of calculus. The course is designed for students who have a wide range of educational and employment aspirations, including continuing their studies at university or TAFE.

Course Cost: \$40

MATHEMATICS METHODS ATAR

Prerequisites: Minimum of a C in Year 10 Maths

This course focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world, and includes the use of functions, their derivatives and integrals, in modelling physical processes. The study of statistics develops students' ability to describe and analyse phenomena that involve uncertainty and variation. Mathematics Methods provides a foundation for further studies in disciplines in which mathematics and statistics have important roles. It is also advantageous for further studies in the health and social sciences. In summary, this course is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level.

Course Cost: \$40

MATHEMATICS SPECIALIST ATAR

Prerequisites: Minimum of an B in Year 10 Maths

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

Mathematics Specialist is the only ATAR mathematics course that should not be taken as a stand-alone course and it is recommended to be studied in conjunction with the Mathematics Methods ATAR course as preparation for entry to specialised university courses such as engineering, physical sciences and mathematics.

Course Code: \$40

SCIENCE

Aviation: ATAR, General

Biology: ATAR,

Chemistry: ATAR,

Human Biology: ATAR,

Integrated Science: General

Physics: ATAR,

AVIATION ATAR

Prerequisites: Minimum of B in Year 10 Maths and 60% in Year 10 English

The Aviation ATAR course draws from the disciplines of science, engineering, environmental science, mathematics and information technology to develop a broad variety of skills, processes, understandings that promote the safe and effective operations of the aviation industry. The course provides students with the opportunity to investigate the importance of aviation to our society, and to learn the skills and knowledge required to make informed decisions on issues relating to aviation. Students taking the Aviation ATAR course can learn to fly and manage aircraft.

Course Cost: \$100



AVIATION GENERAL

The Aviation General course draws from a range of disciplines to develop in students a broad variety of skills, processes and understandings related to aspects of the aviation industry. The Aviation General course covers the same five content areas as the Aviation ATAR course — aerodynamics, performance and operation, human factors, aviation skills, and aviation development—but in more general contexts. Students investigate the importance of aviation to our society and learn skills and knowledge required to make informed decisions on issues relating to aviation. This practical Aviation course provides the opportunity for students to prepare for post-school options of employment and further training.

Course Cost: \$100

BIOLOGY ATAR

Prerequisites: Minimum of a B grade in Year 10 Science and 60% in Year 10 English

A unique appreciation of life and a better understanding of the living world are gained through studying the Biology ATAR course. This course encourages students to be analytical, to participate in problem-solving and to systematically explore fascinating and intriguing aspects of living systems, from the microscopic level through to ecosystems. Students develop a range of practical skills and techniques through investigations and fieldwork in authentic contexts, such as marine reefs, endangered species, urban ecology, or biotechnology. Scientific evidence is used to make informed decisions about controversial issues.

Course Cost: \$70

CHEMISTRY ATAR

Prerequisites: Minimum of a B grade in Year 10 Science, a B in Year 10 Maths and a 60% in Year 10 English

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

This course prepares students to be responsible and efficient users of specialised chemical products and processes at home or in the workplace. It also enables students to relate chemistry to other sciences, including biology, geology, medicine, molecular biology and agriculture, and prepares them for further study in the sciences.

Course Cost: \$70

HUMAN BIOLOGY ATAR

Prerequisites: Minimum of a B grade in Year 10 Science and 60% in Year 10 English

The Human Biology ATAR course gives students a chance to explore what it is to be human—how the human body works, the origins of human variation, inheritance in humans, the evolution of the human species and population genetics. Through their investigations, students research new discoveries that increase our understanding of human dysfunction, treatments and preventative measures.

Practical tasks are an integral part of this course and develop a range of laboratory skills; for example, biotechnology techniques. Students learn to evaluate risks and benefits to make informed decisions about lifestyle and health topics, such as diet, alternative medical treatments, use of chemical substances and the manipulation of fertility.

Course Cost: \$70

INTEGRATED SCIENCE GENERAL

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

Course Cost: \$70

PHYSICS ATAR

Prerequisites: Minimum of a B grade in Year 10 Science, a B in Year 10 Maths and 60% in Year 10 English

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

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

Course Cost: \$70

TECHNOLOGIES

Applied Information Technology: General

Business Management and Enterprise: General

Computer Science: ATAR,

Food Science and Technology: General,

Materials, Design and Technology: General,



APPLIED INFORMATION AND TECHNOLOGY GENERAL

The Applied Information Technology General course provides students with the knowledge and skills to use a range of computer hardware and software to create, manipulate and communicate information in an effective, responsible and informed manner. Students develop an understanding of computer systems; the management of data; and the use a variety of software applications to investigate, design, construct and evaluate digital products and digital solutions. The course offers pathways to further studies and a range of technology-based careers and a set of skills that equip students for the 21st century and give them an appreciation of the impact of information technology on society.

Course Cost: \$30

BUSINESS MANAGEMENT AND ENTERPRISE GENERAL

The Business Management and Enterprise General course gives students the opportunity to understand how vital business is to individuals and society, and how it impacts on many aspects of our lives. Exposure to a wide range of fun business activities, management strategies and an understanding of enterprise helps students to appreciate the significance of their role as both participants and consumers in the business world, and equip them with skills beneficial for a wide range of workplaces.

Course Cost: \$40

COMPUTER SCIENCE ATAR

Prerequisites: Minimum of B in Year 10 Maths and 60% in Year 10 English

In the Computer Science ATAR Course students explore the fundamental principles, concepts and skills within the field of computing. Students learn how to diagnose and solve problems which require an understanding of the building blocks of computing. Students explore the principles related to the analysis and creation of computer and information systems; software development; the connectivity between computers; the management of data; the development of database systems; and the moral and ethical considerations for the development and use of computer systems. This course provides students with the practical and technical skills that equip them to function effectively in a world where these attributes are vital for employability and daily life in a technological society.

Course Cost: \$50

FOOD SCIENCE AND TECHNOLOGY GENERAL

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. 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.

Course Cost: \$90

MATERIALS DESIGN AND TECHNOLOGY GENERAL - WOOD

The Materials Design and Technology General course is a practical course. Students will use wood in the design and manufacture of products as the major focus. Students have the opportunity to develop and practise skills that contribute to creating a physical product, while acquiring an appreciation of the application of a design process, and an understanding of the need for materials sustainability. Students will learn and practise manufacturing processes and technologies, including principles of design, planning and management.

Course Cost: \$110

