



YEAR 11 - 2019 HANDBOOK



Dream

Believe

Learn

Succeed

Wanneroo Secondary College has a vision that students will develop an awareness of their place in the global community.

This is important because their future will ultimately be shaped by a rapidly changing world.

We encourage students to dream big and look outside the school community

and explore relevant possibilities for future careers on a global stage.

TITLE: Year 10/ 11 Handbook

ISSN (online): 2203-5680

© School Curriculum and Standards Authority, 2017

This document—apart from any third party copyright material contained in it—may be freely copied, or communicated on an intranet, for non-commercial purposes in the educational institutions, provided that the School Curriculum and Standards Authority is acknowledged as the copyright owner, and that the Authority's moral rights are not infringed.

Copying or communication for any other purpose can be done only within the terms of the *Copyright Act 1968* or with prior written permission of the School Curriculum and Standards Authority. Copying or communication of any third party copyright material can be done only within the terms of the *Copyright Act 1968* or with permission of the copyright owners.

Any content in this document that has been derived from the Australian Curriculum may be used under the terms of the Creative Commons Attribution-Non Commercial 3.0 Australia licence.

School Curriculum and Standards Authority

303 Sevenoaks Street

Cannington Western Australia 6107

Further information please contact:

Corporate Communications

Telephone: +61 8 9273 6300

Email: info@scsa.wa.edu.au

Web: www.scsa.wa.edu.au

TRIM: 2017/22197

Table of Contents

FOREWORD	5
YEAR 11 and 12	5
The Western Australian Statement of Student Achievement (WASSA)	6
The Western Australian Certificate of Education (WACE)	6
WACE achievement requirements	6
Literacy and numeracy standard requirement	7
Breadth and depth requirement	7
Achievement standard requirement	7
Unit equivalents	7
SECONDARY ATTAINMENT	8
STUDY OPTIONS	8
WACE Courses	8
Endorsed Programs	9
Preliminary courses	9
CHOOSING YOUR COURSES	10
COURSES OFFERED AT WANNEROO SECONDARY COLLEGE	11
TRAINING WA – TAFE ENTRY REQUIREMENTS	12
UNIVERSITY ENTRY REQUIREMENTS	13
COURSE DESCRIPTIONS	15
THE ARTS	15
DANCE: DAN	15
DRAMA: DRA	16
MEDIA PRODUCTION AND ANALYSIS: MPA	17
MUSIC: MUSC	18
VISUAL ARTS: VAR	18
ENGLISH	20
ENGLISH: ENG	20
ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT: EALD	22
HEALTH AND PHYSICAL EDUCATION	23
HEALTH STUDIES: HEA	23
PHYSICAL EDUCATION: PES	23

WANNEROO SECONDARY COLLEGE YEAR 11 in 2019 HANDBOOK

HUMANITIES AND SOCIAL SCIENCE	24
ACCOUNTING and FINANCE: ACF	24
CAREER and ENTERPRISE: CAE	25
GEOGRAPHY: GEO	26
MODERN HISTORY: HIM	27
PSYCHOLOGY GENERAL: PSY	29
JAPANESE - SECOND LANGUAGE	30
MATHEMATICS:MA	31
SCIENCE	33
CHEMISTRY: CHE	33
HUMAN BIOLOGY: HBY	34
INTEGRATED SCIENCE: ISC	35
PHYSICS: PHY	36
TECHNOLOGY & ENTERPRISE	37
APPLIED INFORMATION TECHNOLOGY: AIT	37
CHILDREN, FAMILY & COMMUNITY: CFC	38
DESIGN – TECHNICAL GRAPHICS: DEST	38
ENGINEERING STUDIES: EST	39
FOOD SCIENCE AND TECHNOLOGY: FST	39
MATERIALS, DESIGNS & TECHNOLOGY: Metals: MDTM	40
Wood: MDTW	40
CERTIFICATE COURSES	41
CERTIFICATE II APPLIED FASHION DESIGN AND TECHNOLOGY C2AFDT	41
CERTIFICATE II/III APPLIED LANGUAGE – JAPANESE C2JAP C3JAP	42
CERTIFICATE II/ III BUSINESS C2BU C3BU	43
CERTIFICATE II INFORMATION, DIGITAL MEDIA & TECHNOLOGY C2IT	44
CERTIFICATE II/III MUSIC C2MU	45
CERTIFICATE II / III SPORT AND RECREATION – OUTDOOR FOCUS	46
CERTIFICATE II/ III SPORT AND RECREATION – SPORTS COACHING FOCUS	47
CERTIFICATE II VISUAL ARTS (PHOTOGRAPHY) C2VA	48
ENDORSED PROGRAMS	49
JOONDALUP CAMPUS SENIOR SCHOOL ENGAGEMENT PROGRAM	50
LEARNING CENTRE	51
APPENDICES:.....	53
SCSA Websites:	53
CAREER AND EDUCATION WEBSITES	54

FOREWORD

Dear student

This handbook contains information for students currently enrolled in Year 10. It is designed to provide a reference point for studies in Year 11 and Year 12 and, in particular, for the Western Australian Certificate of Education (WACE).

Further information and advice is also available to you and your parents from school staff such as counsellors, heads of year, vocational education and training (VET) coordinators and associate principals.

We encourage you to read this information handbook carefully and discuss the contents with your parents/carers. If you have any questions, talk to your teachers or associate principal. We wish you all the best for your studies during the rest of your schooling.

Before you read further, remember the following:

ATAR	Australian Tertiary Admission Rank
OLNA	Online Literacy and Numeracy Assessment
SCSA	the School Curriculum and Standards Authority
the Authority	the School Curriculum and Standards Authority
TISC	Tertiary Institutions Service Centre
VET	Vocational Education and Training
WACE	Western Australian Certificate of Education
WASAA	Western Australian Statement of Student Achievement

YEAR 11 and 12

The courses you choose for Year 11 and 12 need careful consideration as you need to be aware of:

- the requirements for The Western Australian Certificate of Education (WACE - Secondary Graduation)
- the requirements for Attainment
- the requirements for University Entrance or State Training Provider
- the post-secondary options in education and training

There needs to be a balance of:

- knowing the rules and regulations of the School Curriculum and Standards Authority (SCSA),
- meeting the prerequisites of the various post-secondary courses,
- consideration for your interests, abilities and academic achievement so far.

Please Note: The information in this handbook is current at time of publication but is subject to change due to prescribed changes made by state authorities.

The Western Australian Statement of Student Achievement (WASSA)

The WASSA is issued to each Year 12 student at the completion of their senior secondary schooling; senior secondary school typically takes two years. The WASSA lists all courses and programs that a student has completed and the grades and marks achieved.

The WASSA formally records, as relevant:

- achievement of WACE requirements
- achievement of the literacy (reading and writing) standard
- achievement of the numeracy standard
- achievement of any exhibitions and awards
- school grades, school marks and combined scores in ATAR courses
- school grades and school marks in General and Foundation courses
- completed Preliminary units
- completed VET industry specific courses
- successfully completed VET qualifications and VET units of competency
- completed endorsed programs
- number of community service hours undertaken (if reported by the school).

The Western Australian Certificate of Education (WACE)

The WACE is awarded by the School Curriculum and Standards Authority (Authority) when students successfully meet the requirements of the WACE.

If you wish to achieve a WACE, the Authority requires you to complete at least four Year 12 Australian Tertiary Admission Rank (ATAR) courses or a Certificate II (or higher) VET qualification.

WACE achievement requirements

To meet the WACE achievement requirements, you must:

- demonstrate a minimum standard of literacy and a minimum standard of numeracy
- complete a minimum of 20 units, or equivalents as described below
- complete at least four Year 12 ATAR courses* or complete a Certificate II** (or higher***) VET qualification.

*In the context of ATAR courses in the WACE, the term 'complete' requires that a student sits the ATAR course examination or has an approved sickness/misadventure application for not sitting the examination in that course. Students who do not sit the ATAR course examination will not have a course mark or grade recorded on their WASSA, nor will they receive an ATAR course report. The pair of units will not contribute to any WACE requirements.

Note: for ATAR courses with practical components, students must complete both the written and practical examinations.

**In the context of VET in the WACE, the term 'complete' requires that a student has been deemed competent in all units of competency that make up a full qualification.

***The partial completion of a Certificate III or higher VET qualification may meet this requirement according to predetermined criteria (see the WACE Manual).

Literacy and numeracy standard requirement

You must demonstrate the minimum literacy and numeracy standard based on skills regarded as essential for individuals to meet the demands of everyday life and work. This standard is equivalent to Level 3 of the Australian Core Skills Framework (<https://www.education.gov.au/australian-core-skills-framework>).

You can demonstrate the minimum standard through achieving Band 8 or higher in the Year 9 NAPLAN, Reading, Writing and Numeracy tests or by meeting the minimum standard of the Authority's Online Literacy and Numeracy Assessment (OLNA).

You will have up to six opportunities (two per year) between Year 10 and Year 12 to demonstrate the Literacy and Numeracy standard through OLNA.

Breadth and depth requirement

You must complete a minimum of 20 units, which may include unit equivalents attained through VET and/or endorsed programs. This requirement must include at least:

- a minimum of ten Year 12 units, or the equivalent
- four units from an English course, post-Year 10, including at least one pair of Year 12 units from an English course
- one pair of Year 12 units from each of List A (arts/languages/social sciences) and List B (mathematics/ science/technology) subjects.

Achievement standard requirement

You must achieve at least 14 C grades (or equivalents) in Year 11 and Year 12 units, including at least six C grades in Year 12 units (or equivalents).

Unit equivalents

The WACE requirement for at least 20 units and at least 14 C grades may be met partly through unit equivalents. These are units within VET and endorsed programs of least 55 nominal hours. They are known as unit equivalents because they are considered equivalent to one unit of a Year 11 or Year 12 course.

Unit equivalents can be obtained through VET qualifications and/or endorsed programs. The maximum number of unit equivalents available through VET and endorsed programs is four Year 11 units and four Year 12 units. You may obtain unit equivalents through:

- up to eight unit equivalents through completion of VET qualifications, or
- up to four unit equivalents through completion of endorsed programs, or
- up to eight unit equivalents through completion of a combination of VET qualifications and endorsed programs, but with endorsed programs contributing no more than four unit equivalents (two Year 11 units and two Year 12 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
- a partially completed Certificate III or higher is equivalent to two Year 11 and two Year 12 units (credit is allocated only if the criteria for partial completion are met). (See the WACE Manual).

For endorsed programs, unit equivalents are identified on the Authority's approved list of endorsed programs (<http://seniorsecondary.scsa.wa.edu.au/syllabus-and-support-materials/endorsed-programs>).

SECONDARY ATTAINMENT

Wanneroo Secondary College would like to see all of our students gain Secondary Attainment. To achieve this a student needs to gain either:

An ATAR score in excess of 55 OR

Completion of a Certificate II or III

It is strongly recommended students enrol in a Certificate II course as one of their six subjects studied. Your college counsellor will discuss this with you during your selection interview.

STUDY OPTIONS

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

Wanneroo Secondary College provides a wide range of courses and programs for Year 11 and Year 12.

There are four types of WACE courses – ATAR, General, Foundation and Vocational Education and Training courses.

WACE 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 will be examined by the Authority and contribute to the achievement of an ATAR. You must sit the final examination to complete the course.

General courses

General courses are designed for students who are aiming to enter vocationally based training or the workforce straight from school. These courses will not be examined by the Authority. However, they each have an externally set task (EST) in Year 12 which is set by the Authority.

Foundation courses

Foundation courses are designed for students who have not been able to demonstrate the minimum standard of literacy and/or numeracy before Year 11 and are unlikely to do so before the end of Year 12 without significant levels of support.

These courses are not designed, nor intended, to be an alternative senior secondary pathway. They are not externally examined. However, they each have an EST in Year 12 which is set by the Authority.

These courses provide a focus on functional literacy and numeracy skills, practical work- related experience and the opportunity to build personal skills that are important for life and work.

The **only** students who may enrol in Foundation courses in Semester 1 of Year 11 are those who have not yet demonstrated the minimum standard of literacy and/or numeracy by the end of Year 10. Foundation courses are available to students only if recommended by the college counsellor.

Vocational Education and Training (VET) Courses

VET is recognised across Australia. VET programs can give you the opportunity to gain core skills for work and, in some cases, complete training in industry through workplace learning. If your educational program does not include four ATAR courses in Year 12, you will need to **complete a Certificate II qualification or higher to achieve your WACE**.

You can also begin training for your career while still at school by undertaking a VET qualification. Among the range of VET programs on offer are **school-based apprenticeships and traineeships** (these may be available through our Joondalup Campus). As with the WACE courses, the VET programs available to students do vary. You should discuss VET opportunities with your careers counsellor.

Endorsed Programs

Endorsed programs address areas of learning not covered by WACE courses. Examples 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** you need to achieve your WACE.

Preliminary courses

The Authority also offers Preliminary courses for those students who have been identified as having a learning difficulty and/or an intellectual disability.

Preliminary courses **do not** contribute to achievement of the WACE. Students who meet the requirements of Unit Completion for Preliminary course units will have their progress documented in the **WASSA**.

CHOOSING YOUR COURSES

You are able to select across a range of course units at a range of levels to suit a variety of skills and post-school aspirations. You are required to select 6 courses to study in Year 11.

UNIVERSITY PATHWAY

If you wish to head to university once you finish Year 12, you should enrol in at least four ATAR courses to be eligible for an ATAR. You may choose 6, 5 or 4 ATAR courses, as part of your six units. ATAR rank is used by universities as a selection mechanism. More information about the ATAR is available at; <http://www.tisc.edu.au/static/guide/atar-about.tisc?cid=12862>.

Wanneroo Secondary College students are eligible for up to 10 ATAR bonus points from most Universities.

GENERAL TAFE/ EMPLOYMENT PATHWAY

If you wish to head to Training WA (TAFE) or employment you will need to achieve a minimum of a Certificate II qualification. You must choose one of the Certificate Courses and then the remaining five courses from the range of General Courses. Some TAFE courses and trades such as Electrical and Information Technology require ATAR level Mathematics Courses.

More information is available at;

<http://www.fulltimecourses.tafe.wa.edu.au/>

COMPOSITE PATHWAY

If you are unsure whether you wish to pursue the University or Training/Employment Pathway and have been recommended for ATAR courses based on your current achievement and wish to keep your options open within your six courses you need to choose either four ATAR courses and a Certificate for possible direct entry to university OR 1, 2 or 3 ATAR courses and a Certificate for an Alternative Entry to university such as Portfolio or Preparation course entry. The Certificate 2 will gain you high points for a TAFE/Training aggregate.

Courses Offered at Wanneroo Secondary College

You must select at least one course from List A and one course from List B to meet the requirements for WACE. Detailed information about each course is provided later in this booklet.

List A (Arts/Languages/Social Sciences)	List B (Mathematics/Science/Technology)	Certificate Courses
CAE Career and Enterprise (General)	ACF Accounting and Finance (General and ATAR)	Certificate II Applied Fashion Design and Technology
CFC Children, Family and the Community (General)	AIT Applied Information Technology (ATAR)	Certificate II / III Applied Language - Japanese
DAN Dance (General and ATAR)	CHE Chemistry (ATAR)	Certificate II / III Business
DRA Drama (General and ATAR)	DEST Design (General)	Certificate II Information, Digital Media and Technology
ENG English (Preliminary, Foundation, General and ATAR)	EST Engineering Studies (General)	Certificate II / III Music
ELD English as an Additional Language or Dialect (General and ATAR)	FST Food Science and Technology (General)	Certificate II / III Sport and Recreation – Outdoor Focus
GEO Geography (ATAR)	HBV Human Biology (ATAR)	Certificate II / III Sport & Recreation – Sports Coaching Focus
HEA Health Studies (General)	ISC Integrated Science (General)	Certificate II Visual Arts - Photography
MPA Media Production and Analysis (General and ATAR)	MDT Materials Design and Technology Metal/Wood (General)	
HIM Modern History (ATAR)	FOM Foundations of Mathematics (Foundation) MAE Mathematics Essential (General) MAA Mathematics Applications (ATAR) MAM Mathematics Methods (ATAR) MAS Mathematics Specialist (ATAR)	
MUS Music (ATAR)	PES Physical Education Studies (General)	
PSY Psychology (ATAR)		
VAR Visual Art (General and ATAR)	PHY Physics (ATAR)	

Languages Other than English (LOTE) and Mathematics Bonus Points

If you have a scaled score in LOTE, 10% of your LOTE scaled score is added to the total of your best four scaled scores when calculating your Tertiary Entrance Aggregate (TEA) for entry to University.

If you have a scaled score in Mathematics Methods and/or Mathematics Specialist, 10% of your scaled score/s in these subjects is added to the total of your best four scaled scores when calculating your Tertiary Entrance Aggregate for entry to University.

You receive these bonus scores even if the course/s are not used in the calculation of your TEA.

Unacceptable Course Combinations:

Mathematics Applications ATAR and Mathematics Methods ATAR

Mathematics Applications ATAR and Mathematics Specialist ATAR

English ATAR and English as an Additional Language/Dialect ATAR

TRAINING WA – TAFE Entry Requirements

State Training Providers Training WA (TAFE) offer courses for vocational education and training, apprenticeships and traineeships, support for workplace learning and courses for business and industry.

To gain entry into Training WA/TAFE, students leaving school will need to meet the entrance requirements for the chosen course. Students need to complete at least a Certificate 2 or higher at school in order to be competitive for entry (see points below).

Where a course is competitive, applicants are required to meet both the entrance requirements and selection criteria used to rank students. The selection criteria require applicants to meet literacy and numeracy skills. Applicants are then ranked on a point system (maximum 90 points) based on their work history (paid or unpaid), secondary education results or a completed Australian Qualifications Framework (AQF) qualification.

Literacy and numeracy skills can be demonstrated through achieving Band 8 or higher in Year 9 NAPLAN, or successful completion of OLNA or where a Certificate IV has been completed, a C grade in Year 11 General English.

Students will be ranked according to their work history (maximum of 30 points – 0.003 points/hour worked) and academic achievement (maximum of 60 points).

Academic achievement can be demonstrated through secondary education results or a completed AQF qualification. If a student has documents for both secondary education and a completed AGF qualification, points will be calculated for both and the higher points used to calculate the score for academic achievement. If more than one AGF has been completed, the one with the higher points score will be used.

Secondary education will be scored from three completed full-year courses that award the highest points based on the following table:

Year	WACE course level	C grade	B grade	A grade
Year 10		6	8	10
Year 11 or 12	Foundation	6	8	10
Year 11	General	11	12.5	14
Year 11	ATAR	14	16	18
Year 12	General	14	15	16
Year 12	ATAR	18	20	20

AQF qualifications will be scored as shown below:

AQF Qualification	Course applying for			
	Certificate I	Certificate II and Certificate III	Certificate IV	Diploma or Advanced Diploma
Certificate I	60	20	15	10
Certificate II	60	30	25	20
Certificate III	60	45	45	30

Courses that require selection criteria to be met will clearly indicate this below the entrance requirement information.

Students who are interested in applying for State Training Provider (TAFE) courses are strongly advised to access the latest information from www.trainingwa.wa.gov.au – this includes access to Career Centre and the Apprenticentre.

Students will find detailed information on the website, but if more information or clarification is needed, then contact:

The Career Centre. 166 Murray Street, Perth City, (Second floor, above Woolworths)

Phone: 13 23 98 or 1800 999 167 or 9244 6500

Email: career.centre@dtwd.wa.gov.au www.dtwd.wa.gov.au/careercentre

Web: www.dtwd.wa.gov.au/careercentre www.trainingwa.wa.gov.au/careercentre

This information is current at the time of going to print.

University Entry Requirements

To be considered for university admission as a school leaver applicant, normally you must -

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

For details on the calculation of the ATAR please go to <http://www.tisc.edu.au/static/guide/atar-about.tisc>
For details on University Admission please go to <https://www.tisc.edu.au/static-fixed/guide/slar-2019.pdf>

Alternate Entry Pathways to University:

PORTFOLIO ENTRY INTO SELECTED COURSES AT CURTIN UNIVERSITY

Alternative entry is available in selected courses for those who can demonstrate equivalence to Curtin's ATAR entry through the submission of a portfolio. You can visit <http://futurestudents.curtin.edu.au/school-leavers/how-to-get-in/flexible-entry-pathways/portfolio.cfm> for further information in regard to the portfolio requirements and application process. Please be advised that an interview might be required as part of the application process.

PORTFOLIO ENTRY PATHWAY TO EDITH COWAN UNIVERSITY (ECU)

ECU offers an additional pathway for entry by school leaver students. 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, three of which need to be ATAR level. 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 www.ecugetready.com.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 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. Portfolios will be assessed by academic staff in the relevant discipline. For more information see www.murdoch.edu.au.

UNIVERSITY PREPARATION COURSES

Most of the Universities offer Preparation courses as a possible method of gaining entry, please see detailed information on their websites.

School Leavers with AQF/TAFE/RTO Qualifications

As outlined below there is a pathway to the universities through completing a Certificate IV at TAFE after leaving school. These requirements are summarised below.

Curtin University

Curtin University will expect school leaver age applicants who seek entry via this pathway to have, as a minimum:

- successfully completed an AQF/TAFE Certificate IV; and
- achieved WACE; and
- met Curtin University's competence in English requirement; and
- met course prerequisite requirements.

Edith Cowan University

ECU will expect school leaver age applicants who seek entry via this pathway to have, as a minimum:

- successfully completed an ECU approved AQF/RTO Certificate IV as part of their Year 12 studies; and
- achieved WACE; and
- met ECU's competence in English requirement; and
- met course prerequisite requirements. Students may apply direct to ECU.

Murdoch University

School leavers will be eligible for admission into Murdoch University's 4-week preparation course, OnTrack Sprint, with successful completion of a Certificate IV. They must also have:

- achieved WACE; and
- met Murdoch's competence in English requirement.

The University of Western Australia

The University of Western Australia will accept an AQF/TAFE qualification at Diploma level as a basis of admission for the Bachelor of Arts, Commerce, Design and Science courses. Separate evidence of English competence is also required. However, school leavers using a diploma achieved during their Years 11 and 12 must also have:

- achieved WACE; and
- met UWA's competence in English requirement.

COURSE DESCRIPTIONS

THE ARTS

Dance: ATAR, General

Drama: ATAR, General

Media Production and Analysis: ATAR, General

Music: ATAR, [Certificate 2](#)

Visual Arts: ATAR, General

DANCE: DAN

Students undertaking this course will develop an appreciation of a variety of genres, styles and forms. They will gain transferable skills that enable them to engage with dance through choreography, performance and appreciation. Students are encouraged to work independently and in collaboration with others to solve tasks and present dance works.



Dance ATAR A1/2DAN

The Dance ATAR course acknowledges the interrelationship between practical and theoretical aspects of dance (Investigation: Case Studies and Reflection: Critical Reviews) -the making and performing of movement and the appreciation of its meaning. Through critical decision-making in individual and group work, movement is manipulated and refined to reflect the choreographer's intent. Students use a wide range of creative processes, such as improvisation and the use of choreographic elements and devices and draw on their own physicality and the interpretation of existing work of others to create unique dance works. They investigate how technologies are used to extend and enhance dance design. 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 while performing Contemporary, Jazz and Hip-Hop movements.

Cost: approx. \$30 per unit, \$60 pa

Dance General G1/2DAN

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.

Cost: approx. \$30 per unit, \$60 pa

For both ATAR and General Courses it is highly recommended that you have achieved a grade of satisfactory or higher in Lower school Dance.

Both Courses are 50% THEORY and 50% PRACTICAL

DRAMA: DRA

The Drama course develops students' understandings and skills of this vibrant and varied art form as creators, performers and audience members. Students are encouraged to explore and communicate ideas about production, design and performance, using the creative and analytical skills of drama in a range of settings.



Drama ATAR A1/2DRA

The Drama ATAR course focuses on drama in practice and understanding its fundamental principles as students combine their knowledge and skills. They engage in improvisation, play building, text interpretation, playwriting and dramaturgy. This allows them to create original drama and interpret a range of texts written or devised by others by adapting the theoretical approaches of drama practitioners like Stanislavski and Brecht.

Students' work in this course includes production and design aspects involving directing, scenography, costumes, props, promotional materials, and sound and lighting. Increasingly, students use new technologies, such as digital sound and multimedia.

They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings. The focus in this course is on individual and ensemble performance, as well as the roles of actor, director, scenographer, lighting designer, sound designer, costume designer and dramaturge.

Cost: approx. \$40 per unit, \$80 pa

Drama General G1/2DRA

The Drama General Course focuses on drama in practice and understanding its fundamental principles as students combine their knowledge and skills. They engage in improvisation, play building, text interpretation, playwriting and dramaturgy. This allows them to create original drama and interpret a range of texts by adapting the theoretical approaches of different drama practitioners.

Students' work in this course includes production and design involving directing, scenography, costumes, props, promotional materials, and sound and lighting. Increasingly, students use new technologies, such as digital sound and multimedia.

They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings. The focus in this course is primarily on ensemble performance and teamwork.

Cost: approx. \$40 per unit, \$80 pa

MEDIA PRODUCTION AND ANALYSIS: MPA

In the Media Production and Analysis course, students develop skills to make and understand media ranging from traditional forms such as film, photography, newspapers, magazines, comics, radio and television to new and emerging multimedia technologies. They will consider how people, events and issues are represented. Students will also create, produce and present their own works in media of their choice to express their ideas using media technologies and practices.



Media Production and Analysis ATAR A1/2MPA

The Media Production and Analysis ATAR course aims to prepare students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to tell their own stories and interpret the stories of others. Students are encouraged to explore, experiment and interpret their world, reflecting and analysing contemporary life, while understanding that this is done under social, cultural and institutional constraints. Students, as users and creators of media products, consider the important role of audiences and their context. This course focuses on the application of media theory in the practical process.

Cost: approx. \$30 per unit, \$60 pa

Media Production and Analysis General G1/2MPA

The Media Production and Analysis General course aims to prepare students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to tell their own stories and interpret the stories of others. Students are encouraged to explore, experiment and interpret their world, reflecting and analysing contemporary life, while understanding that this is done under social, cultural and institutional constraints. Students, as users and creators of media products, consider the important role of audiences and their context. This course focuses on the development of technical skills in the practical process.

Cost: approx. \$30 per unit, \$60 pa

MUSIC: MUSC

Students are given the opportunity to develop their musical abilities and potential through creating, presenting and responding to music. They produce and present music as solo artists and within an ensemble. Students can do this in the context of Western Art music, Jazz, and/or Contemporary music. By studying music from other times and cultures students aim to recreate music at the highest possible level. Students can also choose to complete a Certificate II in Music by performing as a soloist in an ensemble for lunchtime concerts and local performances outside of school.



Music ATAR A1/2MUS

The Music ATAR course covers a range of musical experiences, developing musical skills through **Contemporary Music** (at WSC), or Western Art Music, Jazz, or Musical Theatre. The course consists of a written component including Aural and Theory, Composition and Arranging, and Cultural and Historical Analysis, worth 60% of the total course. The written component of the course focuses on Contemporary Music; the development of Rock is studied in Year 11 and Pop is studied in Year 12. The practical component can be delivered in a different context, independent of the written component, making up the final 40% of the course. Students will be given one-on-one Instrumental lessons focusing on developing musicianship skills through practice, listening, performing, and reflection. Music ATAR students are expected to attend these lessons during the school week, as well as an ensemble relevant to their instrument before or after school. It is recommended that students attend an interview with the Performing Arts teachers before selecting Music ATAR regarding performance capabilities, the standard of proficiency required, and if Instrumental Lessons are to be organised through the School of Instrumental Music.

Cost: approx. \$50 per unit, \$100 pa

Music Students should also be able to complete the **Certificate II in Music** and possibly **Certificate III in Year 12**.

Music General See Certificate 2 Music

See the description in the section on the Certificates

It is recommended that students attend an interview with the Performing Arts teachers before selecting General Music regarding Instrument choices, lesson attendance and expectations.

Cost: approx. \$45 per annum

VISUAL ARTS: VAR

The Visual Arts courses engage students in traditional, modern and contemporary art media and practices, whilst encouraging students to push their artistic potential and share their personal expressions within their creative works. Students are encouraged to consider, explore and communicate ideas about people, events and issues within our society. While investigating and developing an appreciation for the works of contemporary artists, students work independently engaging in their own art practices and developing their analytical skills.



Visual Arts ATAR A1/2VAR

In the Visual Arts ATAR course, students engage in traditional, modern and contemporary media and techniques within the broad areas of art forms. The course promotes innovative practice. Students are encouraged to explore and represent their ideas and gain an awareness of the role that artists and designers play in reflecting, challenging and shaping societal values. The Visual Arts ATAR course allows students to develop aesthetic understandings and a critical awareness to appreciate and make informed evaluations of art through their engagement of their own art practice and the work of others. Cost: approx. \$80 per unit, \$160 pa

Visual Arts General G1/2VAR

In the Visual Arts General course, students engage in traditional, modern and contemporary media and techniques within the broad areas of art forms. The course promotes innovative practice. Students are encouraged to explore and represent their ideas and gain an awareness of the role that artists and designers play in reflecting, challenging and shaping societal values. Students are encouraged to appreciate the work of other artists and engage in their own art practice. Cost: approx. \$80 per unit, \$160 pa

ENGLISH

English: ATAR, General, Foundation, Preliminary

English as an Additional Language or Dialect: ATAR, General

ENGLISH: ENG

Language plays a central role in human life: it provides a vehicle for communication, a tool for thinking, a means of creativity and a source of pleasure. In the English course, through the use of oral, written and visual communication texts students examine the relationship between language and power, and learn how to become competent, reflective, adaptable and critical users of language. Students learn about the English language, how it works and how to use it effectively.



English ATAR E1/2ENG

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.

Cost: approx. \$40 per unit, \$80 pa

English General G1/2ENG

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.

Cost: approx. \$40 per unit, \$80 pa

English Foundation

The English Foundation course aims to develop students' skills in reading, writing, viewing, speaking and listening in work, learning, community and everyday personal contexts. This course is for students who have not demonstrated the literacy standard in the OLNA. Such development involves an improvement in English literacy, where literacy is defined broadly to include reading ability, verbal or spoken literacy, the literacy involved in writing, and visual literacy. Students undertaking this course will develop skills in the use of functional language conventions, including spelling, punctuation and grammar. Good literacy skills are required for comprehending and producing texts; for communicating effectively in a learning or working environment, or within a community; or for self-reflection; and for establishing one's sense of individual worth.

Cost: approx. \$35 per unit, \$70 pa

English Preliminary: for Learning Centre students

The English Preliminary course focuses on the fundamental skills that support language use. Language use plays a central role in human life: it provides a vehicle for communication and independence. Students study language through the use of receptive and expressive communication. Receptive skills can include reading, comprehending, listening and/or viewing. Expressive skills can include writing, speaking, acting, signing, gesturing and/or creating multimodal texts. The course recognises the diversity of the student population and builds on students' knowledge of how language works and how to use language in a variety of forms and situations. An understanding of how to use language empowers students: it gives them access to knowledge, enables them to play an active part in society and contributes to their personal growth.

Cost: approx. \$70 per annum

ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT: EALD

The English as an Additional Language/Dialect course is designed as an alternative to 'English' for students who speak another language or dialect as their first or 'home' language. ELD focuses on the mechanics of Standard Australian English (SA English) and how to use it appropriately. Practical and relevant tasks delivered through a range of engaging and extremely varied contexts teach students to code switch between languages successfully.

English as an Additional Language/Dialect ATAR

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.

Cost: approx. \$40 per unit, \$80 pa

English 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.

Cost: approx. \$40 per unit, \$80 pa

Eligibility for enrolment in English as an Additional Language/Dialect

The EAL/D ATAR course is available to students who speak English as a second language or as an additional language or dialect, and whose use of SAE is restricted. The course may provide English language or dialect support for students to the end of Year 11. English as an Additional Language or Dialect eligibility criteria do not apply to the Year 11 enrolment.

The specific eligibility criteria for enrolment into Year 12 in the course are set out below. Students who fulfill any of these conditions are eligible to enrol. Such students need to complete an Eligibility Application Form and forward it, with supporting documentation, through their school/college, 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.

- 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 at school.
- 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.

HEALTH AND PHYSICAL EDUCATION

Health Studies: General

Physical Education Studies: General

HEALTH STUDIES: HEA

In this course, students will 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 and others' health. Students examine the impact of social and environmental factors on health: healthcare systems, frameworks and theories relevant to a public health approach.



Health Studies General

Using an enquiry process, students draw on their knowledge and understandings of health concepts and investigate health issues of interest. Through this process, they develop research skills that can be applied to a range of health issues or concerns. The course also provides students with opportunities to develop skills that may enable them to pursue careers in health promotion research, community health care, occupational health and safety, mental health disease prevention, environmental health, nutrition and naturopathy.

Cost: approx. \$25 per unit, \$50 pa

PHYSICAL EDUCATION: PES

Physical Education Studies contributes to the development of the whole person. The emphasis is on learning through movement and personalised learning experiences. Students will analyse their own personal performance as well as others, apply theoretical principles and plan whilst coaching, instructing, teaching and leading. The students use physical activity and sport as fundamental contexts to develop broader physiological, psychological, biomechanical and motor learning understandings.



Physical Education Studies General G1/2 PES

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, fitness, recreation, education, sport development, youth work, health and medical fields linked to physical activity.

Cost: approx. \$25 per unit, \$50 pa

HUMANITIES AND SOCIAL SCIENCE

Accounting and Finance: ATAR, General

Career and Enterprise: General

Geography: ATAR

Modern History: ATAR

Certificate 2 in Business

ACCOUNTING and FINANCE: ACF

This course focuses on financial literacy and aims to provide students with a range of skills that enables them to make sound financial judgment. Students will develop an understanding of the fundamental principles upon which accounting and financial management are based through the preparation, examination and analysis of financial documents and systems.



Accounting and Finance ATAR A1/2ACF

The Accounting and Finance ATAR Course aims to make students financially literate by creating an understanding of the systems and processes through which financial decisions are made. With this knowledge students will then possess the necessary skills to make sound financial judgements in a world where technological change on business practices are constantly changing. 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. Students are then required to analyse their own financial data and that of businesses to make informed decisions, forecast future performance and recommendations based on that analysis.

The Accounting and Finance ATAR Course is organised into 4 units

- Unit 1 – Double Entry Accounting for Small Business
- Unit 2 – Accrual Accounting
- Unit 3 – Internal Management for Business Year 12
- Unit 4 – Australian Reporting Entities and their regulation by the Corporation Act of 2001 Year 12

Cost: approx. \$25 per unit \$50 pa

Accounting and Finance General G1/2ACF

Accounting and Finance General

The Accounting and Finance General course focuses on financial literacy and aims to provide students with the knowledge, understanding and a range of skills that enable students to engage in sound financial decision making. Students develop an understanding of the fundamental principles and practices upon which accounting and financial management are based. Students are able to analyse their own financial data and that of small businesses, and make informed financial decisions.

There is a shortage of people with skills in this area and jobs are currently available. Book keepers with skills in Financial Accounting are needed in businesses large and small. Further Training with Training WA (TAFE).

Cost: approx. \$25 per unit, \$50 pa

CAREER and ENTERPRISE: CAE

Career development learning in today's world recognises that careers are about life, work and learning. Individuals need to be proactive managers of their own career development. This course aims to provide students with the knowledge, skills and attitudes to manage their career development in a constantly changing digital and global world of work.



Career and Enterprise General: G1/2CAE in conjunction with Workplace Learning (ADWPL)

The Career and Enterprise General Course engages students in learning about developing their career in a constantly changing world. Students are provided with the knowledge, skills and understanding to manage their own careers to face these changes. All students are required to reflect upon their own skills, interests and talents to assist them in securing and sustaining work. The Career and Enterprise General course has been constructed using, and is strongly aligned to the knowledge, skills and understandings from the *Core Skills for Work Development Framework* (2013) and the *Australian Blueprint for Career Development*.

Key Outcomes of the course include: understanding the factors that underpin personal development and learning opportunities, understanding how technology influences career development opportunities and use of communication, technology, networking and teamwork skills.

The Career and Enterprise General Course is organised into 4 units

- Unit 1 – Work and Career Choices
- Unit 2 – Attributes and Skills Necessary for Employment
- Unit 3 – Securing and Maintaining Work through Self-Management Year 12
- Unit 4 – Career Management and Workplaces in a Changing World Year 12

Cost: approx. \$25 per unit, \$50 pa

Please note that students may enrol in Career and Enterprise **without** completing Workplace Learning but students **enrolled in Workplace Learning** endorsed program **must complete Career and Enterprise**.

ADWL Cost: approx. \$90 per annum

GEOGRAPHY: GEO

Geography is the study of physical and cultural environments from a spatial perspective. It provides students with the knowledge and skills to observe and describe places on the surface of the Earth, and from a spatial perspective, analyse and provide explanations on human and physical phenomena and their complex interactions. Students develop a range of skills that help them to understand the physical world, interpret the past, scrutinise the present and explore sustainable strategies for the future care of places.



Geography ATAR G1/2GEO

The Geography ATAR Course enables students to appreciate the complexity of our world physically, culturally and economically. Students then use this knowledge to investigate sustainable practices and social and physical inequality throughout the world. The course is also designed to engage students in analysing the geographical challenges (such as climate change) facing Australia and the global community. In the ATAR course students will learn how to collect information from primary and secondary sources such as field observation and data collection, mapping, remote sensing, case studies and reports. Students are then required to communicate their findings through a variety of forms such as visual, written or oral.

The Geography ATAR course is divided into 4 units

- Unit 1 – Natural and Ecological Hazards
- Unit 2 – Global Networks and Interconnections
- Unit 3 – Global Environmental Change
- Unit 4 – Planning Sustainable Places

Cost: approx. \$30 per unit, \$70 pa

MODERN HISTORY: HIM

Studying Modern History enables students to become critical thinkers and helps inform their judgments and actions in a rapidly changing world. Students are exposed to a variety of historical sources including artifacts, oral stories, film, diary extracts and other written accounts 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.



Modern History ATAR A1/2HIM

The Modern History ATAR Course enables students to study the forces that have shaped today's world and provides them with a deeper comprehension of the world in which they live. To do this the course aims to develop students' knowledge and understanding of particular events, ideas, movements and developments that have shaped the world as we now know it. Students are encouraged to become critical thinkers and make informed judgements via the undertaking of historical inquiry. Through this process students are encouraged to question and evaluate historical sources, identify various representations and versions of history, use evidence to support their own interpretations and communicate their findings in a variety of ways.

The Modern History ATAR course is divided into 4 units. Each unit has a number of electives to choose from. Listed below along with the Unit titles are the *likely* electives that will be studied.

- Unit 1 – Understanding the Modern World
Elective: Capitalism – The American Experience 1907-1941
- Unit 2 – Movements for Change in the 20th Century
Elective: Nazism in Germany

Year 12

- Unit 3 – Modern nations in the 20th Century
Elective: Russia and The Soviet Union 1914-1945 OR Australia 1918-1955

WANNEROO SECONDARY COLLEGE YEAR 11 in 2019 HANDBOOK

- Unit 4 – The Modern World Since 1945

Elective: The Struggle for Peace in the Middle East OR Australia's Engagement With Asia

Cost: approx. \$30 per unit, \$70 pa

PSYCHOLOGY GENERAL: PSY

Psychology is the scientific study of how people think, feel and act. It aims to answer important questions such as what factors influence human development. While there are other disciplines that overlap with psychology's main aim to understand humans, psychology is rigorous in its use of scientific method. This allows for systematic exploration into the complexities of human behaviour based on evidence gathered through planned investigations.

Psychology General ATAR A1/2PSY

Psychology is very useful, both to individuals assisting us to improve ourselves and our relationships, and to society as a whole. It can be applied to any context in which humans are involved. Through this course, students gain valuable insights and understandings into both themselves and their worlds. Methods of communication studied enhance personal communication skills, both within the field of psychology and in the context of daily life. Students also develop important research skills as they engage in the exploration and evaluation of data to illustrate how empirical procedures are used to examine phenomena such as intelligence and personality.

This course is designed to integrate the understanding of scientific principles, the acquisition of psychological knowledge and the application of both in an enjoyable and contemporary way. The study of psychology is highly relevant to further studies in the health professions; education, human resources, social sciences, sales, media and marketing and management.

Unit 1 – Personality and Intelligence

Unit 2 – The Human Brain and Factors Influencing Behaviour, Emotion and Thought

Unit 3 – Personality Theories

Unit 4 – The Link Between the Brain and Behaviour

Cost approx. \$25 per unit, \$50 pa

JAPANESE - SECOND LANGUAGE

In the Japanese: Second Language course, students develop the necessary understandings and values to communicate effectively with Japanese speakers in both social and workplace contexts in Australia, Japan and elsewhere. They develop a stronger sense of their personal identity and greater respect for Japanese people.



Japanese: Second Language- (Certificate 2 Applied Language –Japanese))

The Japanese: Second Language Certificate course is designed to enable students to gain knowledge and an understanding of the culture and the language of Japanese-speaking communities. 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.

Cost: approx. \$60 per annum

MATHEMATICS**Mathematics Specialist: ATAR****Mathematics Methods: ATAR****Mathematics Applications: ATAR****Mathematics Essential: General****Mathematics: Foundation****Mathematics: Preliminary Learning Centre****MATHEMATICS:MA**

Mathematics is the study of order, relation and pattern. From its origins in counting and measuring, it has evolved in highly sophisticated and elegant ways to become the language now used to describe many aspects of the world in the twenty-first century. Statistics are concerned with collecting, analysing, modeling and interpreting data in order to investigate and understand real world phenomena and solve practical problems in context. Together, mathematics and statistics provide a framework for thinking and a means of communication that is powerful, logical, concise and precise. The six mathematics courses are differentiated with each focusing on a pathway that will meet the learning needs of a particular group of senior secondary students

**Mathematics Specialist ATAR: A1/2MAS**

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 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. **This course is suitable for students from the Academic extension classes. Students must have achieved a minimum pathway grade of an “A”.** Cost: approx. \$25 per unit, \$50 pa

Mathematics Methods ATAR: A1/2MAM

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 modeling 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.

This course is suitable for students from the Academic extension classes. Students must have achieved a minimum pathway grade of a “B”. Cost: approx. \$25 per unit, \$50 pa

Mathematics Applications ATAR: A1/2MAA

This course focuses on the use of mathematics to solve problems in contexts that involve financial modeling, 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.

This course is suitable for students in ATAR mathematics courses in Year 10 who have achieved a minimum pathway grade of a high “C”.

Cost: approx. \$25 per unit, \$50 pa

Mathematics Essential General: G1/2MAE

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.

Cost: approx. \$25 per unit, \$50 pa

Mathematics Foundation F1/2MAT

The Mathematics Foundation course focuses on building the capacity, confidence and disposition to use mathematics to meet the numeracy standard for the WACE. This course is for students who have not demonstrated the numeracy standard in the OLNA. It provides students with the knowledge, skills and understanding to solve problems across a range of contexts including personal, community and workplace/employment. This course provides the opportunity for students to prepare for post-school options of employment and further training.

Cost: approx. \$25 per unit, \$50 pa

Mathematics Preliminary: P1/2MAT Learning Centre

The Mathematics Preliminary course focuses on the practical application of knowledge, skills and understandings to a range of environments that will be accessed by students with special education needs. Grades are not assigned for these units. Student achievement is recorded as ‘completed’ or ‘not completed’. This course provides the opportunity for students to prepare for post-school options of employment and further training.

Cost: approx. \$20 per unit, \$40 pa

SCIENCE**Chemistry: ATAR****Human Biology: ATAR****Integrated Science: General****Physics: ATAR****CHEMISTRY: CHE**

Chemistry is the study of materials and the transformations they undergo. Chemistry enables students to appreciate the natural and built environment, its materials and the interactions between them. Some of the major challenges and opportunities facing Australia and the Asia-Pacific region are associated with chemistry. Issues of sustainability are tackled by the application of chemical knowledge using a range of technologies. These include issues such as the supply of clean drinking water, efficient production and use of energy, management of mineral resources, increasing acidification of the oceans, and climate change.

**Chemistry ATAR A1/2CHE**

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 examine hazards and make informed, balanced 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 specialized 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.

Studying Chemistry provides students with skills and understandings that are valuable to a wide range of further study pathways and careers including those in forensic science, environmental science, engineering, medicine, dentistry, pharmacy and sports science. Additionally, chemistry knowledge is valuable in occupations that rely on an understanding of materials and their interactions, such as art, winemaking, agriculture and food technology. Some students will use this course as a foundation to pursue further studies in chemistry, and all students will become more informed citizens, able to use chemical knowledge to inform evidence-based decision making and engage critically with contemporary scientific issues.

This course is suitable for students who have achieved an A or B grade in the ATAR Science course in Year 10.

Cost: approx. \$30 per unit, \$60 pa

HUMAN BIOLOGY: HBY

Human Biological Science 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. This course gives students a chance to explore what it is to be human – how the human body works, the origins of human variation, the evolution of the human species and human ecology.



Human Biology ATAR A1/2HBY

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.

An understanding of human biology is valuable for a variety of career paths. The course content deals directly and indirectly with many different occupations in fields, such as science education, medical and paramedical fields, food and hospitality, childcare, sport and social work. Appreciation of the range and scope of such professions broadens their horizons and enables them to make informed choices. This helps to prepare all students, regardless of their background or career aspirations, to take their place as responsible citizens in society.

This course is suitable for students who have achieved an A or B grade in the ATAR Science course in Year 10.

Cost: approx. \$30 per unit, \$60 pa

INTEGRATED SCIENCE: ISC

Integrated Science encourages students to be questioning, reflective and critical thinkers about scientific issues. This course is based on a holistic view of science knowledge and starts with the problems and issues that are important to young people. It draws on the traditional disciplines of science, such as biology, chemistry, geology and physics, as well as less traditional areas, such as forensic science and biotechnology, as a resource to enable students to investigate issues that are interesting and relevant in a modern world.



Integrated Science General G1/2ISC

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.

It should involve students in research that develops a variety of skills, including the use of appropriate technology, diverse methods of investigation, and practical application of scientific techniques. It emphasises formulating and testing hypotheses and the critical importance of evidence in forming conclusions.

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

Integrated Science is particularly suitable to those students who achieved successfully in Science in Year 10.

Cost: approx. \$35 per unit, \$70 pa

PHYSICS: PHY

In the Physics course, students investigate the natural and built world around them in a wide and interesting range of contexts. They explore the different forms of energy and energy transformations, and study how mechanical forces can shape the environment. They learn how electric and magnetic fields can be used in machines and electronic devices, why different materials are used in heating and cooling systems, how communication and vision systems apply our understanding of the properties of light and sound waves and how radioactivity is used in industrial testing and in the treatment of diseases.



Physics ATAR A1/2PHY

Physics is a fundamental science that endeavours to explain all the natural phenomena that occur in the universe. 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.

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. Studying physics will enable students to become citizens who are better informed about the world around them and who have the critical skills to evaluate and make evidence-based decisions about current scientific issues. The Physics ATAR course will also provide a foundation in physics knowledge, understanding and skills for those students who wish to pursue tertiary study in science, engineering, medicine and technology.

This course is suitable for students who have achieved an A or B grade in the ATAR Science course in Year 10.

Cost: approx. \$25 per unit, \$50 pa

TECHNOLOGY & ENTERPRISE

Applied Information Technology: ATAR

Children, Family and Community: General

Design- Technical Graphics: General

Engineering Studies: General

Food Science and Technology: General

Materials, Design and Technology- Metal/ Wood: General

APPLIED INFORMATION TECHNOLOGY: AIT

In this course, students use a range of computer hardware and software to create, manipulate and communicate information. Using a range of applications, students investigate, construct and evaluate ICT solutions which will equip the student for the 21st century and give them an appreciation of the impact of information technology.



Applied Information and Technology ATAR A1/2AIT

The Applied Information Technology ATAR 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. Students investigate client-driven issues and challenges, devise solutions, produce models or prototypes and then evaluate and refine the developed digital product and solution. 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.

Cost: approx. \$25 per unit, \$50 pa

CHILDREN, FAMILY & COMMUNITY: CFC

Children Family & Community Living Independently provides opportunities for students to develop an understanding of the factors that impact on the ability of individuals and families to develop skills and lead healthy lives. It provides them with the skills for further study at TAFE or tertiary entry and then to a career in the industry or simply to be able to live healthy lives.



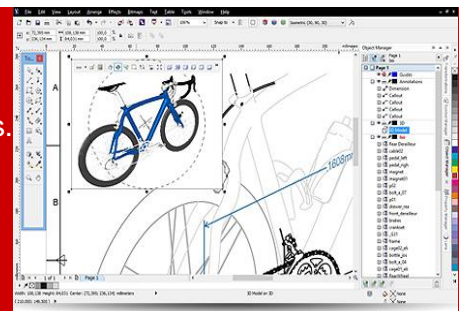
Children, Family & Community: GENERAL: G1/2CFC

The Children, Family and the Community General course focuses on factors that influence human development and the wellbeing of individuals, families and communities. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development. They engage in shared research, examine goal setting, self-management, decision making, communication and cooperation skills when creating products, services or systems that will assist individuals, families and communities to achieve their needs and wants. They recognise how promoting inclusion and diversity among individuals, families and groups in society contributes to the creation of safe, cohesive and sustainable communities. They use a range of skills to make informed decisions and consider actions at personal, family and community levels. Students communicate and interact with children, families and community groups in practical ways.

Cost: Approx. \$25 per unit, \$50 pa.

DESIGN – TECHNICAL GRAPHICS: DEST

In the Design course students develop skills and understandings that give them the edge for current and future industry or employment markets as well as further education. Students study design principles and elements in the context of Technical Graphics. Each context contains design development; problem solving and solution work using Computer Aided Drawing, Adobe Design Software and production techniques. Students develop skills in graphic design and CAD in response to open briefs. Students develop architectural 3D plans for a house, shop and community building. It involves freehand sketching concepts developing a working drawing using a drawing board and software to produce the final product.



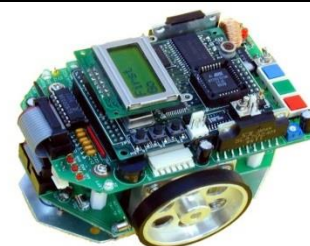
Design-Technical Graphics: General G1/2DEST

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 and solutions to solve real open ended briefs. The Design General course also emphasizes the scope of design in trade based industries allowing students to maximize vocational pathways.

Cost: approx. \$60 per unit, \$120 pa

ENGINEERING STUDIES: EST

The Engineering Studies course is in the context of mechatronics, a combination of mechanical and electrical engineering and follows on from Robotics in lower school. Students will use an Arduino template to design and construct a robot. The developed robot will perform a range of activities utilizing its sensors and will be controlled by a simple computer code



Engineering Studies General G1/2EST

The Engineering Studies General course is essentially a **practical** course focusing on **real-life contexts**. Students apply a design process to research and present information about materials, engineering principles, concepts, ideas, and design proposals. Students develop their engineering technology skills in planning and implementing a process to manipulate tools and machines to produce a prototype of their designed solution. With strong links to Science and Technology this course forms a logical progression for students interested in **Robotics**.

Cost: approx. \$75 per unit, \$150 pa

FOOD SCIENCE AND TECHNOLOGY: FST

The Food Science and Technology course provides opportunities for students to explore and develop food-related interests and passions to achieve personal and professional goals. Students choose a context from hospitality, nutrition and health promotion or product development to develop and apply enterprising and innovative ideas to food production to meet future needs.



Food Science and Technology General G1/2FST

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.

Cost: approx. \$105 per unit, \$210 pa

MATERIALS, DESIGNS & TECHNOLOGY: Metals: MDTM
Wood: MDTW

This is a practical course where students can choose to work with wood, or metal in the design and manufacture of products. This is also a course about ideas, innovation and creativity. In order to do these well, students research and test materials and use strategies to develop innovative and creative ideas. They apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products.



Students are introduced to the fundamentals of **design** and various aspects of the **technology process** by **constructing** what they design. Students learn about the origins, classifications, properties and suitability for purpose of the **materials (Metal or Wood)** they are using, and are introduced to a **range of production equipment and techniques including ICT**. They develop **metal/wood manipulation skills** and production management strategies, and are given the opportunity to realise their design ideas through the **making** of their design project. Students interact with **products** designed for a specific market and use a range of techniques to gather information about existing products and apply the fundamentals of design. They learn to conceptualise and communicate their ideas and aspects of the design process whilst **constructing their design**.

Cost: approx. \$84 per unit, \$168 pa

CERTIFICATE COURSES

CERTIFICATE II APPLIED FASHION DESIGN AND TECHNOLOGY C2AFDT

This qualification aims to give students an introductory **overview of fashion design**. It is of interest for students wishing to pursue a career in fashion/design or for those who are looking at careers in theatre. An interest in costuming could be beneficial or this course would be of interest for those interested in designing their own clothes. Students may begin with units for Certificate 1. These completed units may be transferred into the certificate 2 additional units required for the completion and award of Certificate 2.

Employability skills gained and able to be demonstrated through the context of the Fashion Design units, include Communication, Teamwork, Problem Solving, Initiative and Enterprise, Planning and Organising, Self-Management, Learning and Technology skills related to the Fashion/Design Industry.



Competencies similar to those listed below will be included.

Use a sewing machine
Identify fibres and fabrics
Design and produce a simple garment
Identify design process for fashion designs
Follow defined OH&S policies and procedures
Apply quality standards
Sew components

Participate in environmentally sustainable work practices
Modify patterns to create basic styles
Operate computing technology in a textiles, clothing & footwear workplace
Draw and interpret a basic sketch

Cost: approx. \$140 per annum

For more details contact Ms Aston, in T&E Home Economics.

CERTIFICATE II/III APPLIED LANGUAGE – JAPANESE C2JAP C3JAP

These courses are designed to provide individuals with language skills and cultural knowledge to enable them to communicate in social and workplace situations in a language other than English (LOTE) both in Australia and overseas. The course applies to all LOTEs - the precise language to be acquired will depend on student demand at the time of provision.

Graduates of the Certificate II in Applied Language will be able to communicate in simple and basic tasks requiring a simple and direct exchange of information on familiar and basic matters.

The Certificate II in Applied Language meets the requirements for a qualification of that level in that it requires a graduate to:

- | |
|--|
| <ul style="list-style-type: none"> • Demonstrate basic operational knowledge in a moderate range of areas through the application of basic communicative skills to meet immediate needs and handle brief exchanges. |
| <ul style="list-style-type: none"> • Apply a defined range of skills to interact in a simple way with others. |
| <ul style="list-style-type: none"> • Apply known solutions to a limited range of predictable problems through the selection of appropriate words, phrases and gestures, from a limited repertoire, when engaged in social functions in familiar contexts. |
| <ul style="list-style-type: none"> • Perform a range of tasks where choice between a limited range of options is required through engaging in simple transactions such as shopping and banking. |
| <ul style="list-style-type: none"> • Assess and record information from varied sources through the application of basic reading, writing, speaking and listening skills relevant to the situation. |
| <ul style="list-style-type: none"> • Take limited responsibility for own outputs in work and learning through active participation and willingness to seek assistance and guidance as required to develop intercultural knowledge. |

Competencies similar to those below are included;

Conduct basic oral communication for social purposes in Japanese
Conduct basic workplace oral communication in Japanese
Read and write basic documents for social purposes in Japanese
Read and write basic workplace documents in Japanese.

Cost: approx. \$60 per annum

CERTIFICATE III APPLIED LANGUAGE – JAPANESE C3JAP

The Certificate III in Applied Language will be offered to students in Year 12 who have completed Certificate II in Japanese.



CERTIFICATE II/ III BUSINESS C2BU C3BU

Office administration tasks are essential in **all** business organisations. Tasks include word processing, records handling, business correspondence and bookkeeping.

The Certificate II Business will prepare you for work in a variety of industries including retail, hospitality, education and health care. However the skills covered are relevant in most occupations.

Skills covered in the Certificate II Business:-

- | | |
|--|--|
| <ul style="list-style-type: none"> • Work effectively in a business environment • Follow workplace safety procedures | <ul style="list-style-type: none"> • Communicate in the business environment • Produce workplace documentation |
|--|--|

National Training modules are covered and students gain credit for each skill achieved/demonstrated.

Career Opportunities

Completed Certificates carry considerable points towards TAFE entry aggregate.

Graduates will gain the skills and knowledge to undertake entry level administrative roles such as Receptionist, Administrative Assistant, Clerical Officer and the skills will be useful if you are working in a Small Business.

In Year 12 students will have the opportunity to complete the Certificate III when Certificate II has been completed. The competencies needing to be mastered are listed below.

Certificate II Business	Certificate III Business
Contribute to health and safety of self and others	Maintain business resources
Work effectively in a business environment	Process customer complaints
Work effectively with others.	Deliver and monitor a service to customers
Produce simple word processed document	Work effectively with diversity
Create and use spreadsheets	Design & produce business documents
Participate in environmentally sustainable work practices.	Organise workplace information
Create electronic presentations	Promote innovation in a team environment
Work Effectively with diversity	Create electronic presentations
Organise and complete daily work activities	Design and produce text documents
Communicate in the Workplace	Recommend products and services
Use business technology	Apply knowledge of WHS legislation in the workplace
Communicate electronically	Write simple documents

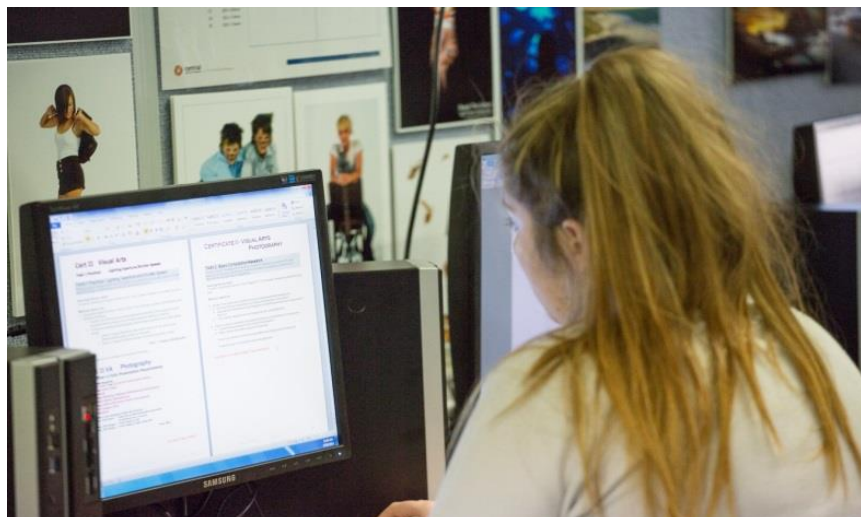
Cost: approx. \$75 per annum



CERTIFICATE II INFORMATION, DIGITAL MEDIA & TECHNOLOGY C2IT

Information and Communication Technology (ICT) at Wanneroo Secondary College offers a TAFE and industry pathway for students. This qualification provides the foundation ICT skills and knowledge for an individual to be an effective ICT user or employee. The qualification has a fundamental ICT knowledge and skills base that provide foundation general computing and employment skills that enable participation in information technology environment in any industry.

The qualification introduces Occupational Health & Safety and soft (people) skills such as communication into the 8 core units and there are 6 elective units.



Outcomes

Students can apply for TAFE entry to study a Certificate III in Information and Communication Technology. Small to medium enterprises will find the contents of this qualification extremely useful at ICT user level.

Units of competency similar to those below need to be mastered.

Contribute to the health and safety of self and others
Access and use the internet
Operate a digital media technology package
Operate application software packages
Interact with ICT clients
Use computer operating system and hardware
Work and communicate effectively in an ICT environment
Capture a digital image
Use social media tools for collaboration and engagement
Participate in environmentally sustainable work practices
Maintain interactive content
Detect and protect from spam and destructive software
Integrate commercial computing packages
Connect hardware peripherals

Cost: approx. \$45 per annum

CERTIFICATE II/III MUSIC C2MU

Vocational Education Training (VET) is nationally recognised training that provides practical work skills and credit towards, or attainment of, a vocational education and training qualification. The Certificate II Music reflects the role of individuals who apply a broad range of competencies in a varied work context in the music industry, using some discretion and judgement and relevant theoretical knowledge. They may provide support to a team such as a band, choir or other ensemble. The Units of competency required to be completed for a Certificate II Music qualification are listed below. Whilst students need an active interest in Music and some knowledge they do not need an extensive background in Music to complete the course. For details see Mr McPherson.

Certificate II students should have the opportunity to complete this course as a VETis Program in Creative Industries if they gain and can complete work placements within the Music Industry. If this is completed students would then gain C grade equivalents for the course. In order to have this opportunity students also should choose the Endorsed Program for Workplace Learning, ADWL.

Qualification pathways

This certificate is for students with limited or no vocational experience and without a relevant lower level music qualification. Competencies as below, will be completed within a Music Industry context.

<ul style="list-style-type: none"> • Develop and apply creative arts industry knowledge. • Play or sing simple musical pieces. • Develop ensemble skills for playing or singing music. • Work effectively with others 	<ul style="list-style-type: none"> • Play music from simple written notation. • Handle physical elements during bump in/bump out. • Contribute to health and safety of self and others • Organise and complete daily work activities
---	--

Cost: approx. \$45 per annum

CERTIFICATE III MUSIC

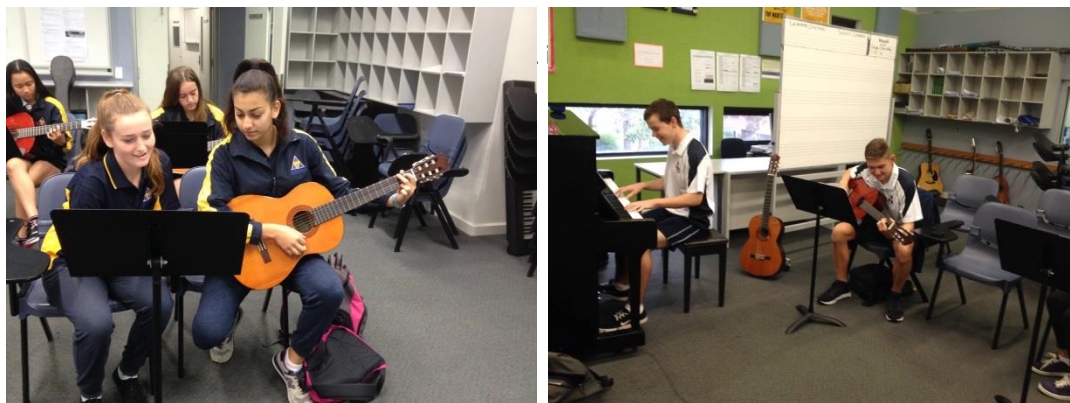
ATAR Music students with an Instrumental Music background in Lower School will have the opportunity to complete a Certificate III in Music in conjunction with the ATAR Music course.

Qualification Pathways.

Competencies such as those listed below will need to be mastered for completion of the Certificate.

<ul style="list-style-type: none"> • Work effectively in the music industry • Compose simple songs or musical pieces • Write song lyrics • Notate music • Develop ensemble skills for playing or singing music 	<ul style="list-style-type: none"> • Prepare for performances • Perform Music as part of a group • Organise workplace information • Implement copyright arrangements • Follow Occupational Health and safety procedures • Select and manage microphones and other audio input services
---	--

Cost: approx. \$60 per annum



CERTIFICATE II / III SPORT AND RECREATION – OUTDOOR FOCUS

Minimum Requirements:

- Competent swimming in open water.
- Ability to pay for and attend 2 assessed camps per year.
- Willingness to accept challenges and move out of comfort zones, while being co-operative and positive.
- Students are required to start class early at 7.30 am, one day a week to complete the activities required.

With the continuing growth in Australia of tourism and recreational endeavours, the **Outdoor Recreation** Industry has many exciting and rewarding employment opportunities. Through interaction with the natural world, the Certificate 2 & 3 Sport and Recreation (Outdoor Focus) aim to develop students understanding of our relationships with the environment, others and ourselves. They focus on developing essential Outdoor skills required within the Outdoor Industry through a range of outdoor activities in various environments including:

- | | | |
|-----------------------|-------------------|----------------|
| ▪ Surfing Surf Rescue | ▪ Mountain Biking | ▪ Orienteering |
| ▪ Snorkelling | ▪ Climbing | ▪ Leadership |
| ▪ Bushwalking | ▪ Abseiling | ▪ First Aid |

Future employment

Opportunities and career pathways may exist in areas such as outdoor leadership, guiding activities and environmental interpretation, planning for future environments, managing facilities, eco-tourism, military service, outdoor education... ..

Note: Completed certificates and competencies will carry competitive weight toward TAFE entry across Australia.

Charges: Course \$155.00
Camps approx. \$140.00 per camp



COMPETENCIES include;
Use social media tools for collaboration & engagement
Provide First Aid
Respond to emergency situations
Demonstrate surf survival and self rescue skills
Demonstrate basic surfing manoeuvres in controlled situations
Demonstrate snorkeling activities
Minimise environmental impact
Demonstrate basic off-road cycling skills
Demonstrate basic cycling skills
Use and maintain temporary or overnight site
Demonstrate navigation skills in a controlled environment
Follow Health and Safety policies
Assist in conducting outdoor recreation sessions

Certificate III - Sport and Recreation (Outdoor Focus)

Develop and extend critical and creative thinking skills	Plan and conduct sport and recreation sessions	Assist in conducting outdoor rec activities	Perform basic water rescues
Organise personal work priorities and development	Provide customer service	Demonstrate surf survival and self-rescue skills	Work effectively in an S&R environment
Provide First Aid	Respond to emergency situations	Demonstrate basic surfing manoeuvres in controlled conditions	Demonstrate abseiling skills on artificial surfaces
Use social media tools for collaboration and engagement	Undertake risk analysis of activities	Demonstrate bush walking skills in a controlled environment	Safeguard an abseiler using a single rope belay system
	Follow Work and Health and Safety Policies		
	Manage Conflict		

CERTIFICATE II/ III SPORT AND RECREATION – SPORTS COACHING FOCUS

Minimum Requirements:

An interest and aptitude for the theory and practice of physical skills in sport is desirable.

As a VET in schools student the student is enrolled in a nationally accredited Vocational Education and Training (VET) Qualification undertaken as a part of their WACE course.

These courses focus on developing **sport and recreation skills** required within the **Health, Sport and Fitness** industry. These courses lend themselves to an integrated approach between practical experiences, the environment and engagement by the self and others. Through these experiences students will gain understanding and skills for safe participation in sport and outdoor activities in the environment. They will develop the ability to assess risk, apply the appropriate management procedures to enable safe participation and develop proficiency in emergency response. Areas covered may include:-

- Skills and strategies in selected sports and recreation activities including basketball, athletics, soccer, netball, AFL and volleyball.
- Basketball coaching.
- Tennis/Athletics coaching.
- Prepare and conduct sport and recreation sessions.
- Coaching principles and practise.
- First Aid

Future employment

This Certificate would suit students who are focussed on careers such as Health and Fitness, Sports Administration, Coaching and Umpiring.

Competencies as listed below need to be mastered.

Certificate II Sport and Recreation

Organise and complete daily work activities
 Provide First Aid
 Respond to emergency situations
 Maintain sport, fitness and recreation industry knowledge
 Participate in Work and Health and Safety
 Provide equipment for activities
 Maintain equipment for activities
 Perform the intermediate skills of Australian football
 Perform intermediate tactics of Australian Football
 Assist with activity sessions
 Provide quality service
 Work effectively in sport, fitness and recreation environment

Certificate III Sport and Recreation

Develop and extend critical and creative thinking skills
Organise personal work priorities and development
Provide First Aid
Use social media tools for collaboration and engagement
Plan and conduct sport and recreation sessions
Provide customer service
Respond to emergency situations
Undertake risk analysis of activities
Follow Work and Health and Safety policies

Manage Conflict

Teach the intermediate skills of volleyball
Teach the intermediate tactics and strategies of volleyball
Interpret and apply the rules and regulations of tennis
Perform the intermediate skills of Australian football
Perform intermediate tactics of Australian Football

Cost: approx. \$85 per annum



CERTIFICATE II VISUAL ARTS (PHOTOGRAPHY) C2VA

Digital Imaging Photography at Wanneroo Secondary College offers a TAFE and Industry pathway for students. Digital Imaging engages students in a range of learning activities in digital photography. The emphasis is on practical and technical skills in photography, especially in areas of digital manipulation, studio lighting, composition and camera controls. Students have the opportunity to attain the *Certificate II Visual Arts* with a focus on Photo Imaging. Students will study a range of photographic fields including portraiture, landscape, macro, advertising, fashion and many more practical based activities. This course is about gaining industry standard skills in areas such as photo manipulation, retouching, colour, tone control and many more digital imaging techniques.

TAFE Entry

Students who complete this course can gain higher points for TAFE entry. Additionally, students who complete the course and have a portfolio to demonstrate photographic work may gain even higher points for entry in directly related courses such as Certificate IV Photography at Central Institute of Technology (Perth Campus).

Vocational Outcomes

Students can gain entry to TAFE or can apply for further education, training and employment opportunities within this industry. Opportunities may include traineeships, scholarships, TAFEWA entry, University entry and a range of direct employment options. Vocational guidance and preparation for employment services are also available for students.



Units of competency similar to those below will comprise the skills to be gained.
WANNEROO SECONDARY COLLEGE YEAR 11 in 2019 HANDBOOK



Cost: Approx. \$150 per year.

Certificate III Visual Arts (Photography):- Students who pre-qualify in Year11 may be offered the opportunity to complete Certificate 3 in Year 12.

ENDORSED PROGRAMS

An endorsed program is a significant learning program that has been developed for students in Years 10, 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
- 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 new Workplace Learning program:

Workplace Learning (ADWPL) in conjunction with Career & Enterprise

Make simple creative work
Participate in OHS processes
Use basic drawing techniques
Source and use information relevant to own arts practice
Capture photographic images
Develop digital imaging skills
Capture a digital image
Edit a digital image
Organise and complete daily work activities

Workplace Learning is an Authority-developed endorsed program that is managed by individual schools and open to students in Years 10, 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

JOONDALUP CAMPUS SENIOR SCHOOL ENGAGEMENT PROGRAM

SSEP TAFE / WORK LINK COURSE (OFF CAMPUS)

The Senior School Engagement Program (SSEP) provides students with a flexible study program including part school, part TAFE/ work developing individual career choices with extensive practical work experience, a work safe certificate, community work program and opportunities to develop new skills to prepare students for the world of work. This program allows the student to graduate, achieving WACE, whilst participating in School Based Apprenticeships or Traineeships, gaining TAFE qualifications and/or workplace learning.

Minimum entry requirement

Entry into this course will require an interview and a preparedness to travel to Wanneroo Secondary College - Joondalup Campus for the three school days. This course also requires a commitment to attend work placement and/or TAFE for two days per week.

WACE Courses usually studied at our off campus location:

	Year 11	Year 12
English	G1/2ENG or F1/2 ENG	GTENG/FTENG
Mathematics Essential	G1/2MAE or F1/2MAT	GTMAE/FTMAT
Health Studies	G1/2HES or F1/2HPO	GTHES/FTHPO
Workplace Learning	ADWL 1 and 2	ADWL 3 and 4
Business VETis	Certificate II Business or Certificate II Skills for Work & Vocational Pathways	Certificate III Business or CII Skills for Work & Vocational Pathways

TRAINING W/TAFE COURSE QUALIFICATION from the possible list on

During their two days in the workplace or at TAFE/Training students may be engaged in one of the following:
[WANNEROO SECONDARY COLLEGE YEAR 11 & 2019 HANDBOOK](#)
School Based Apprenticeship / School Based Traineeship / Pre Apprenticeships in School (PAIS).

Possible industry areas may include;

- Automotive (heavy & light vehicle, auto body refinishing & repair, auto electrical)
- Building & Construction (wall & floor tiling, bricklaying, carpentry & joinery, ceiling fixing, plastering)
- Community Services, Health and Education
- Hospitality and Tourism
- Horticulture (landscaping, nursery, turf , gardening)
- Furniture Trades (cabinet making, furniture finishing , upholstery)
- Light Manufacturing (Cabinet Maker, Floor Covering, Furniture Maker, Glazier and Glass Processor, Timber Furniture Polisher, Upholsterer, Wood Machinist)
- Metals and Engineering (plant, fabrication and mechanical fitting)
- Printing (Binding and Finishing , Graphic Pre-Press, Print Machining, Screen Printing)
- Personal Services (beauty/make-up, retail and wholesale)
- Primary Industry (Gardener, Landscape Gardener, Nursery Technician, Saw Doctor, Turf Management)
- Electrical

The above information provides only an indication of the trades to be delivered and will depend upon skill shortages at the time and participating Registered Training Organisation's (RTO) ability to deliver.

LEARNING CENTRE

LEARNING CENTRE

Students in the Learning Centre will have access to Programs suited to their needs. Students will access Foundation courses which are designed for students who have not demonstrated Western Australian Certificate of Education (WACE) standard of numeracy and Standard Australian English (SAE) literacy skills, or have been granted exemption from accessibility rules.

Preliminary courses offered will include:

English P1/2ENG

Mathematics P1/2MAE

Endorsed Program; **Workplace Learning ADWL**

In addition students have access to one or more of the following nationally recognised vocational education and training qualifications:

Certificate II Skills for Work and Vocational Pathways

Certificate I Business

To assist in the transition to work and post school pathways, each student in the Learning Centre should have an **Individualised Educational Learning Plan** negotiated in a meeting/s with the teacher, parents and in conjunction with the student's individual needs to devise a plan for Year 11 and 12.

Information is subject to change, and dependent upon availability of national qualifications.

For further details please contact the Learning Centre Teacher [Ms Lynn De Giosa](#) .

APPENDICES:

SCSA Websites:

courses – year 11 and 12

<http://senior-secondary.wa.edu.au/syllabus-and-support-materials>

disability adjustments

<http://senior-secondary.scsa.wa.edu.au/assessment/disability-adjustment-guidelines>

eligibility criteria for languages and eal/d courses

<http://senior-secondary.scsa.wa.edu.au/syllabus-and-support-materials/languages>

endorsed programs

<http://senior-secondary.scsa.wa.edu.au/syllabus-and-support-materials/endorsed- programs>

online literacy and numeracy assessment (olna)

<http://senior-secondary.scsa.wa.edu.au/assessment/olna>

School-based assessment

<http://senior-secondary.scsa.wa.edu.au/assessment/school-based-assessment>

Vocational education and Training (VeT)

<http://senior-secondary.scsa.wa.edu.au/vet>

VET Industry Specific courses

VET credit transfer

How VET contributes to the WACE

WACE recognition of VET accredited courses

News and Frequently asked questions <http://senior-secondary.scsa.wa.edu.au/vet/faqs>

The Western Australian Certificate of Education (WACE)

<http://senior-secondary.scsa.wa.edu.au/the-wace>

ATAR examinations

<http://senior-secondary.scsa.wa.edu.au/assessment/examinations>

Examination information

University entrance

Special provisions

Past ATAR course examinations

<http://senior-secondary.scsa.wa.edu.au/further-resources/past-atar-course-exams>

WASSA (Western Australian Statement of Student achievement)

<http://senior-secondary.scsa.wa.edu.au/certification/wassa>

CAREER AND EDUCATION WEBSITES

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

Apprenticeships and Traineeships

www.trainingwa.wa.gov.au/apprenticentre www.apprenticentre.wa.gov.au

Australian Defence Force Academy

www.defencejobs.gov.au

Australia wide job search

www.jobsearch.gov.au

Career, employment, training information in Western Australia

www.trainingwa.wa.gov.au/careercentre www.dtwd.wa.gov.au/careercentre

Career research

www.careersonline.com.au

Centrelink

www.centrelink.gov.au

Curtin University

www.curtin.edu.au

Edith Cowan University

www.ecu.edu.au/future-students/overview

Job Resources Australia

www.youth.gov.au

Murdoch University

www.murdoch.edu.au

My Future

www.myfuture.edu.au

My Skills

www.myskills.gov.au

My University

www.myuniversity.gov.au

Study Assist (Information on assistance with fees, expenses and loans)

www.studyassist.gov.au

Training WA (TAFE course information)

www.trainingwa.wa.gov.au

Tertiary Institutions Services Centre

www.tisc.edu.au

University of Notre Dame

www.nd.edu.au

University of Western Australia

www.uwa.edu.au

Vacancies Australia wide

www.seek.com.au

Western Australian Government (go to 'Education and Training')

www.wa.gov.au

UNIVERSITY ADMISSION 2018: Admission Requirements for School Leavers

<https://www.tisc.edu.au/static-fixed/guide/slar-2019.pdf>