

Information Handbook

2017 Senior School Courses and Certificates

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Senior Secondary Schooling

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 the deputy principals, the Vocational Education and Training (VET) coordinator and year 11/12 coordinator.



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 awards
- school grades, school marks and combined scores in ATAR courses
- school grades and school marks in General and Foundation courses
- successfully completed VET qualifications and VET units of competency
- completed endorsed programs
- number of community service hours undertaken (if reported by the school).
- completed Preliminary units (not applicable to Kent Street SHS)
- completed VET industry specific courses (not applicable to Kent Street SHS)

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 (see page 6).

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
- achieve a Certificate II (or higher) VET qualification.

WACE requirements

To meet the WACE requirements, you must:

1. Demonstrate a minimum standard of literacy and a minimum standard of numeracy

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

For the WACE **literacy standard**, you must:

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

For the WACE **numeracy standard**, you must:

- achieve either Band 8 **or** higher in the numeracy component of Year 9 NAPLAN or
- successfully complete the numeracy component of the OLNA in Year 10, or subsequently.

Note:

- If you have achieved Band 8 or above in the reading, writing or numeracy component of the Year 9 NAPLAN you will be considered to have **pre-qualified** for that component.
- If you have **not pre-qualified** in reading, writing or numeracy you are required to sit the corresponding component/s of the OLNA in Semester 1 of Year 10. If you do not meet the standard in Semester 1, then you must sit the OLNA in Semester 2, Year 10, and, if required, Semester 1, Year 11. You will have up to six opportunities (in March and September of each year) before completing Year 12 to demonstrate the WACE minimum standard of literacy and numeracy.
- If you are an **international student**, you are required to sit the OLNA at the first available opportunity.
- If you have not pre-qualified through NAPLAN, and choose not to sit the OLNA, you will not qualify for the WACE.
- If you have a condition/s that may significantly limit your capacity to participate in the OLNA, **disability adjustment** provisions for timed assessments are available.
- If you are a student with a disability or have additional needs and choose not to sit the assessment or have not demonstrated the standard through your performance in Year 9 NAPLAN you will not qualify for the WACE. It is important that you and your parents/guardians/carers discuss your options with appropriate staff members at your school.
- After discussions with parents/guardians/carers, and the school, you may choose not to sit the OLNA. However, this means that you will not achieve the WACE.

2. Demonstrate breadth and depth of study through the number and level of units studied

To meet this requirement you must:

- complete a minimum of 20 units, which may include **unit equivalents** (see below) attained through VET or endorsed programs. This requirement includes at least:
 - a minimum of ten Year 12 units (including unit equivalents)
 - two completed Year 11 units from an English course and one pair of completed Year 12 units from an English course (English, Literature, English as an Additional Language or Dialect)
 - one pair of Year 12 units from each of List A subjects (the arts, languages and social sciences) and List B subjects (mathematics, science and technology) see (Appendix 1).

List A and List B subjects available at Kent Street SHS

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

List A (arts/languages/social sciences)	List B (mathematics/science/technology)
BME Business Management and Enterprise	AVN Aviation
CAE Career and Enterprise	BCN Building and Construction
ECO Economics	CHE Chemistry
ELD English as an Additional Language or Dialect	DES Design
ENG English	EES Earth and Environmental Science
GEO Geography	FST Food Science and Technology
HEA Health Studies	HBY Human Biology
HIM Modern History	ISC Integrated Science
JSL Japanese: Second Language	MAA Mathematics Applications
MPA Media Production and Analysis	MAE Mathematics Essential
PAL Politics and Law	MAM Mathematics Methods
VIA Visual Arts	MAS Mathematics Specialist
	MDT Materials Design and Technology
	PES Physical Education Studies
	PHY Physics

To count as a List A course these languages must be studied at a registered school/provider or at a community organisation through a registered school or provider. Where a student is enrolled in the examination for one of these languages as a non-school candidate the course does not count for the WACE unit completion or breadth of study requirements.

Unit equivalents

- 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 the following:
 - up to eight unit equivalents through completion of VET qualifications,

Qualification equivalence	Year 11	Year 12
Completed Certificate I	2 units	0 units
Completed Certificate II	2 units	2 units
Completed Certificate III or higher	2 units	4 units
Partial completion* of Certificate III or higher	2 units	2 units

* credit is allocated only if the criteria for partial completion is met

- or up to four unit equivalents through completion of endorsed programs (For endorsed programs, unit equivalents are identified on the Authority's approved list of endorsed programs (<http://senior-secondary.scsa.wa.edu.au/syllabus-and-support-materials/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).

3. **Meet a minimum achievement standard through the number and level of C grades attained**

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).

The WACE requirements 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.

The last two requirements may be met partly through unit equivalents and recognition by the Authority of other studies (refer to the WACE Manual). They may also be offset by special considerations (refer to the WACE Manual).

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.

The Authority provides a wide range of courses and programs for Year 11 and Year 12. Schools make decisions about which courses and programs they will offer. These decisions are based on a range of factors such as resources, staffing and community need.

The two types of WACE courses offered at Kent Street SHS are ATAR and General 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.

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) which is set by the Authority. Students sit this assessment in Term 2 of Year 12.

Vocational Education and Training

For students who do not complete at least four Year 12 ATAR courses, the successful completion of a Certificate II (or higher) qualification is one of the minimum requirements for achievement of the WACE. A Certificate II or higher can be obtained through various delivery arrangements with a Registered Training Organisation (RTO). Students may have their VET achievements contribute to the WACE either as VET credit transfer (the mechanism by which VET qualifications may be used to substitute for a specified number of WACE course units – see also unit equivalents).

VET credit transfer can contribute up to eight of the 20 units you need to achieve your WACE. There are special circumstances in which a partly completed Certificate III or higher may meet the

minimum requirement of a Certificate II. A comprehensive account of VET procedures, and the process for identifying and presenting a case for a variety of special circumstances, is located on the Authority's website.

For more information on how VET contributes towards your WACE visit the Authority's VET page at <http://senior-secondary.scsa.wa.edu.au/vet/how-vet-contributes-towards-wace>.

Note: VET qualifications **do not** contribute to the WACE breadth of study requirement (i.e. they are not identified as List A or List B subjects).

Endorsed programs

Endorsed programs can be delivered in a variety of settings by schools, community organisations, universities, training organisations and workplaces.

The list of endorsed programs is available on the Authority website. You should discuss endorsed programs opportunities with the appropriate staff member at your school. The general features of the program types are summarised below.

VET

VET qualifications are for students wishing to participate in nationally recognised training. All VET qualifications require registered training organisation (RTO) delivery, assessment and quality control under the relevant VET regulatory body. A Certificate II or higher is one of the range of requirements for achieving a WACE. VET credit transfer can contribute up to eight of the 20 units you need to achieve your WACE. These qualifications contribute to the WACE as unit equivalents.

Endorsed programs

These programs provide access to areas of learning not covered by WACE courses or VET programs and contribute to the WACE as unit equivalents. Endorsed programs may replace up to two Year 11 course units and two Year 12 course units you need to achieve your WACE.

For information about the programs refer to <http://senior-secondary.scsa.wa.edu.au/syllabus-and-support-materials>.

Table 1 shows examples of some study options for students. They do not represent the minimum requirements to achieve a WACE have previously been described.

Revising course and certificate options

Course and certificate changes can be made until the end of Year 10 by application to a Deputy or VET Head of Learning. Subject to class size and meeting pre-requisites, changes will be accommodated where possible.

Once Year 11 has commenced students are strongly encouraged to make any changes within two weeks of commencement.

Year 11 courses naturally progress into Year 12. Students complete units 1 and 2 of a course in Year 11 and units 3 and 4 in Year 12. Changing courses between Years 11 and 12 is not recommended as student will be commencing at unit 3 without the underpinning knowledge of unit 1 and 2. ATAR students that have performed below a C average in Year 11 may elect to change pathways into a general course program subject to the approval of a Deputy.

Most certificates are delivered and assessed over two years. As there is no credit awarded for partial completion the changing of certificates is discouraged. Students seeking to change enrolment should see the VET Head of Learning.

Table 1: Examples of study options

Student	Courses and programs	Eligibility for WACE certification	Eligibility for ATAR
A	six Year 11 ATAR courses five Year 12 ATAR courses	Yes (22 units, 10 Year 12)	Yes*
B	four Year 11 ATAR courses two Year 11 General or Foundation courses four Year 12 ATAR courses two Year 12 General or Foundation courses	Yes (24 units, 12 Year 12)	Yes*
C	four Year 11 ATAR courses two Year 11 General or Foundation courses two Year 12 ATAR courses four Year 12 General or Foundation courses	No (24 units, 12 Year 12) missing a Certificate II or higher	No
D	four Year 11 ATAR courses two Year 11 General or Foundation courses one Year 12 ATAR course two Year 12 General or Foundation courses VET Certificate II – attributed to Year 11 (two unit equivalents) and Year 12 (two unit equivalents) Endorsed program: Workplace Learning (two units, 110 hours) – attributed to Year 12	Yes (24 units, 10 Year 12)	No
E	four Year 11 General or Foundation courses VET Certificate I – attributed to Year 11 (two unit equivalents) four Year 12 General or Foundation courses VET Certificate II – attributed to Year 11 (two unit equivalents) and Year 12 (two unit equivalents)	Yes (22 units, 10 Year 12)	No
F	four Year 11 General or Foundation courses Certificate II VET industry specific course – attributed to Year 11 (two course units) and Year 12 (two course units) four Year 12 General courses Endorsed program: Workplace Learning (two units, 110 hours) – attributed to Year 12	Yes (20 units, 10 Year 12) Certificate II completed as part of VET industry specific course	No
G	three Year 11 General or Foundation courses Certificate I – attributed to Year 11 (two unit equivalents) four Year 12 General or Foundation courses VET Certificate II – attributed to Year 11 (two unit equivalents) and Year 12 (two unit equivalents) Endorsed program: Workplace Learning (two units, 110 hours) – attributed to Year 12	Yes (22 units, 12 Year 12)	No
H	three Year 11 General or Foundation courses VET Certificate I – attributed to Year 11 (two unit equivalents) three Year 12 General or Foundation courses VET Certificate II – attributed to Year 11 (two unit equivalents) and Year 12 (two unit equivalents) Endorsed program: Workplace Learning (two units, 110 hours) – attributed to Year 12	Yes (20 units, 10 Year 12)	No
I	four Year 11 General or Foundation courses four Year 12 General or Foundation courses VET Certificate III – attributed to Year 11 (two unit equivalents) and Year 12 (four unit equivalents) Endorsed program: Workplace Learning (two units, 110 hours) – attributed to Year 11	Yes (24 units, 12 Year 12)	No

*Note: excluding unacceptable combinations (see [Undergraduate Admission Requirements for School Leavers](#) on the TISC website).

Senior School Pathways

Pathway	Year 10 Grades in Related Subjects	Instructions	Post-School Options	Notes
ATAR	An 'A' grade for most subjects – A/B average	<ul style="list-style-type: none"> • ATAR English/EALD and 4-5 other ATAR courses that you obtained a minimum of a B grade in the equivalent Year 10 unit • Select two course reserves • Ensure you have: <ul style="list-style-type: none"> ○ 6 ATAR plus 2 reserves or; ○ 5 ATAR plus two reserves plus a General course or certificate with 2 reserves each ○ At least one 'list B' subject (page 7) 	<ul style="list-style-type: none"> • University direct entry (subject to meeting specific university and degree requirements) • Defence ADFA 	<p>ATAR Mathematics</p> <p>ATAR course options in order of difficulty are:</p> <p>Mathematics Specialist <u>and</u> Mathematics Methods (OLNA 3) or Mathematics Methods (OLNA 3) or Mathematics Applications (OLNA 2/3)</p>
ATAR plus Certificate	A 'B' grade for most subjects	<ul style="list-style-type: none"> • ATAR English/EALD and 3-4 other ATAR courses that you obtained a minimum of a B grade in the equivalent Year 10 unit • Choose a certificate • Select two course and certificate reserves • Ensure you have: <ul style="list-style-type: none"> ○ 4-5 ATAR plus 2 reserves ○ a certificate with 2 reserves ○ At least one 'list B' subject (page 7) 	<ul style="list-style-type: none"> • University direct entry subject to meeting specific university and degree requirements or, • Post school TAFE and alternative university entry • Defence ADFA 	<p>Science Prerequisites</p> <p>Grades for these pre-requisites may not be available until the end of Semester 2, Year 10</p>
General	Fewer than four B grades	<ul style="list-style-type: none"> • English/EALD and 3 other General courses in which you have an aptitude and interest • Select <ul style="list-style-type: none"> ○ two certificates, or ○ one certificate and another general course • Select two course and certificate reserves • Ensure you have: <ul style="list-style-type: none"> ○ 4 General courses plus 2 reserves And either ○ 2 certificates with a reserve, or ○ 1 certificate and another general course with a reserve for each ○ At least one 'list B' subject (page 7) 	<ul style="list-style-type: none"> • Post school TAFE and alternative university entry • TAFE • Apprenticeships/Traineeships • Employment • Defence general entry 	<p>ATAR Human Biology</p> <p>Year 10 minimum B grade in Life & Living</p> <p>ATAR Chemistry</p> <p>Year 10 minimum B grade in Natural & Processed Materials</p> <p>ATAR Physics</p> <p>Year 10 minimum B grade in Energy and Change</p> <p>ATAR Earth & Environmental Science Year 10 minimum B grade in Earth & Beyond</p>

Courses

The Arts

Media Production and Analysis **General**

Visual Arts **General**

Design (Photography context) **General**

Media Production and Analysis GENERAL

Compulsory Course Cost: **\$140 per year** **Prerequisites:** **B or above in Year 9 or 10 Media**

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.

Visual Arts GENERAL

Compulsory Course Cost: **\$150 per year** **Prerequisites:** **B or above Year 9 or 10**

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.

Design GENERAL (In the context of Photography)

Compulsory Course Cost: **\$125 per year** **Prerequisites:** **B or above Year 9 or 10**

In the Design General course students develop skills and processes for current and future industry and employment markets. Students are equipped with the knowledge and skills to understand design principles and processes, analyse problems and devise innovative strategies through projects. Students are able to focus on particular contexts from a choice of photography, graphics, dimensional design and technical graphics. The Design General course also emphasises the scope of design in trade based industries allowing students to maximise vocational pathways.

Photography context

In this context, design is studied using analogue and/or digital photographic systems. NB: This course can also be done in the technical graphics context - see **Technologies on page 30**.

English

English

ATAR, General

English as an Additional Language/Dialect

ATAR, General

English ATAR

Compulsory Course Cost: \$50 per year

Prerequisites:

- Students need to have a high level of performance and a solid work ethic in Year 10 English
- Year 10 English – Grade B or above or an interview with HOLA accompanied by work samples
- OLNA: ATAR students need to have achieved Category 3 in their OLNA test or have at least Band 8 in Year 9 NAPLAN Literacy results.

Course Content:

- 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.

Assessment:

- Students will be assessed throughout the year on a wide range of activities in both written and oral formats. There will also be a major examination in each semester of the year.

Progression:

- It is expected that students beginning the Year 11 ATAR English course will **continue on** to complete the Year 12 ATAR English course..... However this will be dependent on the successful completion of the Year 11 course **AND a second semester exam score of 60%**.

English GENERAL

Compulsory Course Cost: \$50 per year

Prerequisites:

- There are no prerequisites for the English General course, however, it is acknowledged that students with level 1 OLNA results in Reading Comprehension or Writing may struggle to pass this course.

Course Content:

- The General English 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.

Assessment:

- Students will be assessed throughout the year on a wide range of activities in both written and oral formats.

Progression:

- It is expected that students beginning the Year 11 General English course will continue on to complete the Year 12 General English course.

English as an Additional Language/Dialect ATAR

Compulsory Course Cost: \$80 per year

Prerequisites:

- Students need to have a high level of performance and a solid work ethic in Year 10 English
- Year 10 English – Grade B or above or an interview with HOLA accompanied by work samples
- OLNA: ATAR students need to have achieved Category 3 in their OLNA test or achievement of at least Band 8 in Year 9 NAPLAN Literacy results.

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.

English as an Additional Language/Dialect GENERAL

Compulsory Course Cost: \$80 per year

Prerequisites:

- Students need to have a high level of performance and a solid work ethic in Year 10 English
- Year 10 English – Grade B or above or an interview with HOLA accompanied by work samples
- OLNA: ATAR students need to have achieved Category 3 in their OLNA test or have achieved at least Band 8 in Year 9 NAPLAN Literacy results.

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.

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 Standard Australian English 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 period of 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 enroll. 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 within the school context*
- who is deaf or hard-of-hearing and communicates using signing, such as Auslan, as their first language*
- whose first language is not English and who was born outside Australia and has had little or no formal education prior to arriving in Australia*
- whose first language is not English and who was born outside Australia or in a remote part of Australia and has had a disrupted formal education whose first language is not English and who has been a resident in Australia for more than seven years prior to 1 January of the year of enrolment into Year 12, but who has had little or disrupted formal education in SAE, resulting in significant disadvantage.*

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

Health & Physical Education

Health Studies **ATAR, General**

Physical Education Studies **ATAR, General**

Health Studies ATAR

Compulsory Course Cost: **\$140 per year**

Prerequisites: **B Grade Year 10 English, Health & Science PLUS teacher recommendation**

In this ATAR course students explore health as a dynamic quality of life. They examine the impact of social, environmental, economic and biomedical determinants on health and their collective contribution to health disparities, as well as exploring approaches to address barriers which prevent groups from experiencing better health. Students apply inquiry skills to examine and analyse health issues, develop arguments and draw evidence-based conclusions. The course also provides students with opportunities to develop skills that will enable them to pursue careers in health promotion, research or community health care.

Health Studies GENERAL

Compulsory Course Cost: **\$140 per year**

Prerequisites: **C Grade Year 10 English and Health**

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

Physical Education Studies ATAR

Compulsory Course Cost: **\$120 per year**

Prerequisites: **B Grade Year 10 English, Science and Physical Education PLUS teacher recommendation**

Physical Education Studies contributes to the development of students' physical, social and emotional growth. In the Physical Education Studies ATAR course students learn about physiological, psychological and biomechanical principles, and apply these to analyse and improve personal and group performances in physical activities. Throughout the course, students learn through integrated written, oral and active learning experiences. The course also provides students with opportunities to develop skills that will enable them to pursue personal interests and potential in physical activity as athletes, coaches, officials, administrators and/or volunteers.

Physical Education Studies GENERAL

Compulsory Course Cost: \$120 per year

Prerequisites: C Grade Year 10 English & Physical Education PLUS teacher recommendation

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

Humanities and Social Science

Business Management and Enterprise	General
Career and Enterprise	General
Economics	ATAR
Geography	ATAR
Modern History	ATAR
Politics and Law	ATAR

Business Management and Enterprise GENERAL

Compulsory Course Cost: **\$60 per year**

Prerequisites: **C Grade Year 10 HASS**

The Business Management and Enterprise General course focuses on establishing and operating a small business in Australia and aims to provide students with an understanding of the knowledge and skills of the processes and procedures required for generating business ideas and turning them into a viable business venture. Factors that impact on business innovation and success, business planning, and legal aspects of running a small business are examined. Students engage in the running of a small business, or participate in business simulations, to develop practical business skills and to develop financial and business literacy. Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to analyse business opportunities, develop proposals and make sound, ethical business decisions. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

Career and Enterprise GENERAL

Compulsory Course Cost: **\$90 per year**

Prerequisites: **Not applicable**

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

Economics Year 11 ATAR

Compulsory Course Cost: \$80 per year

Prerequisites: B Grade Year 10 HASS

Economics investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels.

The Economics ATAR course encompasses the key features which characterise an economist's approach to a contemporary economic event or issue: the ability to simplify the essence of a problem; to collect economic information and data to assist analysis and reasoning; to think critically about the limits of analysis in a social context; and to draw inferences which assist decision-making, the development of public policy and improvement in economic wellbeing.

The Economics ATAR course develops reasoning, logical thinking and interpretation skills demanded by the world of work, business and government. These skills relate to a variety of qualifications in vocational, technical and university education contexts. The learning experiences available through studying this course explore the knowledge, values and opinions which surround the complex range of economic events and issues facing our community, such as unemployment, income distribution, business strategy and international relations.

Economic literacy developed through this course enables students to actively participate in economic and financial decision-making which promotes individual and societal wealth and wellbeing.

Structure of the Syllabus:

The Year 11 syllabus is divided into two units, each of one semester duration, which are typically delivered as a pair.

- Unit 1 – Microeconomics: This unit is an introduction to microeconomics and explores the role of the market in determining the wellbeing of individuals and society. Students explore the workings of real world markets with an emphasis on the Australian economy.
- Unit 2 - This unit is an introduction to macroeconomics and explores economic growth, inflation and unemployment with an emphasis on the Australian economy. Students learn it is important to measure and monitor changes in these macroeconomic indicators as changes in the level of economic activity affect the wellbeing of individuals and society.

Geography Year 11 ATAR

Compulsory Course Cost: \$80 per year

Prerequisites: C Grade Year 10 HASS

The study of geography draws on students' curiosity about the diversity of the world's places and their

peoples, cultures and environments. It enables them to appreciate the complexity of our world and the diversity of its environments, economies and cultures and use this knowledge to promote a more sustainable way of life and awareness of social and spatial inequalities.

In the senior secondary years, the Geography ATAR course provides a structured, disciplinary framework to investigate and analyse a range of challenges and associated opportunities facing Australia and the global community. These challenges include rapid change in biophysical environments, the sustainability of places, dealing with environmental risks, and the consequences of international integration.

Geography addresses questions about the interaction of natural and human environments within various natural and social systems. It examines the factors that impact upon decisions about sustainability, the conflicting values between individuals and groups over sustainability and the degree of commitment towards sustainable development.

Geography as a discipline values imagination, creativity and speculation as modes of thought. It provides a systematic, integrative way of exploring, analysing and applying the concepts of place, space, environment, interconnection, sustainability, scale and change. These principle geographical concepts are applied and explored in depth through unit topics to provide a deeper knowledge and understanding of the complex processes shaping our world. The ability of students to apply conceptual knowledge in the context of an inquiry and the application of skills, constitute 'thinking geographically' – a uniquely powerful way of viewing the world.

The course builds students' knowledge and understanding of the uniqueness of places and an appreciation that place matters in explanations of economic, social and environmental phenomena and processes. It also develops students' knowledge about the interconnections between places. Nothing exists in isolation. Consequently, the subject considers the significance of location, distance and proximity.

Through the study of geography, students develop the ability to investigate the arrangement of biophysical and human phenomena across space in order to understand the interconnections between people, places and environments. As a subject of the humanities and social sciences, geography studies spatial aspects of human culture using inquiry methods that are analytical, critical and speculative. In doing so, it values imagination and creativity. As a science, geography develops an appreciation of the role of the biophysical environment in human life, and an understanding of the effects human activities can have on environments. As a result, it develops students' ability to identify, evaluate and justify appropriate and sustainable approaches to the future by thinking holistically and spatially in seeking answers to questions. Students are encouraged to investigate geographical issues and phenomena from a range of perspectives, including those of Aboriginal and Torres Strait Islander Peoples.

In the Geography ATAR course, students investigate geographical issues and phenomena at a variety of scales and contexts. This may include: comparative studies at the same scale; studying the same issue or phenomenon at a range of scales; or seeking explanations at a different scale to the one being studied. The ability to perform multiscale and hierarchical analysis is developed further in this syllabus. The Modern History ATAR course enables students to study the forces that have shaped today's world and provides them with a broader and deeper comprehension of the world in which they live. While the focus is on the 20th century, the course refers back to formative changes from the late 18th century onwards and encourages students to make connections with the changing world of the 21st century.

Structure of the Syllabus:

The Year 11 syllabus is divided into two units, each of one semester duration, which are typically delivered as a pair.

- Unit 1 – Natural and ecological hazards: In this unit, students explore the management of hazards and the risk they pose to people and environments. Risk management is defined in terms of preparedness, mitigation and/or prevention.

- Unit 2 – Global networks and interconnections: In this unit, students explore the economic and cultural transformations taking place in the world – the spatial outcomes of these processes and their social and geopolitical consequences – that will enable them to better understand the dynamic nature of the world in which they live.

History ATAR Year 11

Compulsory Course Cost: \$80 per year

Prerequisites: C Grade Year 10 HASS

Modern history enhances students' curiosity and imagination and their appreciation of larger themes, individuals, movements, events and ideas that have shaped the contemporary world. The themes that run through the units include: local, national and global conflicts and their resolution; the rise of nationalism and its consequences; the decline of imperialism and the process of decolonisation; the continuing struggle for the recognition of human rights; the transformation of social and economic life; the regional shifts in power and the rise of Asia; and the changing nature and influence of ideologies.

The Modern History ATAR course begins with a study of key developments that have helped to define the modern world, with special attention given to important ideas and their consequences. This provides a context for a study of movements for change in the 20th century that have challenged the authority of the nation-state, the principal form of political organisation in the modern world. Students then investigate crises that confronted nation-states in the 20th century, the responses to these crises and the different paths nations have taken in the modern world. The course concludes with a study of the distinctive features of world order that have emerged since World War II and that are central to an understanding of the present.

The Modern History ATAR course continues to develop the historical skills and understandings taught in the Year 7–10 History curriculum. Students pose increasingly complex questions about the past and use their historical inquiry skills, analytical skills and interpretation of sources to formulate reasoned answers to those questions. The opportunities to apply these skills are sequential and cumulative so that students develop an increasingly sophisticated understanding of the different and sometimes conflicting perspectives of the past.

Students are introduced to the complexities associated with the changing nature of evidence, its expanding quantity, range and form; the distinctive characteristics of modern historical representation; and the skills that are required to investigate controversial issues that have a powerful contemporary resonance. Students develop increasingly sophisticated historiographical skills and historical understanding in their analysis of significant events and close study of the nature of modern societies.

Structure of the Syllabus

The Year 11 syllabus is divided into two units, each of one semester duration, which are typically delivered as a pair:

- Unit 1 – Understanding the Modern World: This unit provides an introduction to significant developments in the modern period that have defined the modern world, and the ideas that underpinned them, such as liberty, equality and fraternity.
- Unit 2 – Movements for Change in the 20th Century: This unit examines significant movements developed in response to the ideas studied in Unit 1 that brought about change in the modern world and that have been subject to political debate. The unit focuses on the ways in which individuals, groups and institutions challenge authority and transform society.

Politics and Law ATAR Year 11

Compulsory Course Cost: \$80 per year

Prerequisites: C Grade Year 10 HASS

Politics and law is a critical study of the processes of decision making concerning society's collective future. The study of politics examines the structures and processes through which individuals and groups with different interests, beliefs and goals, deliberate and negotiate in order to make choices, respond to changing circumstances and enact laws. The study of law examines the system of laws governing the conduct of the people of a community, society or nation, in response to the need for regularity, consistency and justice based upon collective human experience.

A close relationship exists between politics and law. They relate through the judicial, executive and legislative arms of government; together they constitute how societies are governed. Laws generally embody social and political values that usually have a philosophical foundation.

The Politics and Law ATAR course aims to develop knowledge and understanding of the principles, structures, institutions, processes, and practices of political and legal systems, primarily in Australia and where appropriate, other systems and/or countries. The course challenges students to critically examine the effectiveness of political and legal systems using criteria, such as openness, responsiveness and accountability of those systems. The course provides for both a chronological and contemporary understanding of political and legal issues in society.

The skills and values developed in the Politics and Law ATAR course aim to allow students to become informed, active and effective participants in the political and legal decisions that affect their lives within society.

The study of the Politics and Law ATAR course contributes to students' intellectual, social, and ethical development. The course aims to support all students in developing a sense of identity, and a sense of political, legal, cultural and social awareness.

The study of the Politics and Law ATAR course can be a valuable background to careers in law, political advocacy, public administration, international relations, foreign affairs, community development, teaching, journalism, human resource management, government and commerce.

Structure of the Syllabus

The Year 11 syllabus is divided into two units, each of one semester duration, which are typically delivered as a pair.

- Unit 1 – Democracy and the Rule of Law: This unit examines Australia's democratic and common law systems; a non-democratic system; and a non-common law system.
- Unit 2 – Representation and Justice: This unit examines representation, electoral and voting systems in Australia; justice in the Western Australian adversarial system and a non-common law system.

Each unit includes:

- a unit description – a short description of the focus of the unit
- unit content – the content to be taught and learned.

Languages

Japanese Second Language

ATAR, General

Japanese Second Language ATAR

Compulsory Course Cost: \$50 per year

Prerequisites: A/B Grade in Year 10

The Japanese: Second Language ATAR course is designed to further develop students' knowledge and understanding of the culture and the language of Japanese-speaking communities, providing them with opportunities to gain a broader and deeper understanding of Japanese and extend and refine their communication skills. The course focuses on the interrelationship of language and culture, and equips students with the skills needed to function in an increasingly globalised society, a culturally and linguistically diverse local community, and provides them with the foundation for life-long language learning. Relevant and engaging tasks, delivered through a range of appropriate contexts and topics, develop literacy in the Japanese language as well as extend literacy development in English. This course is a direct pathway to Curtin University which gives the students a bonus 10% on their final WACE score.

Japanese Second Language GENERAL

Compulsory Course Cost: \$50 per year

Prerequisites: B Grade in Year 7-10 PLUS teacher interview

The Japanese: Second Language General 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 in English.

Application for Enrolment in a Language Course

All students wishing to study a WACE language course are required to complete an application for permission to enrol in a WACE language course in the year prior to first enrolment in the course, to ensure that students select the course best suited to their linguistic background and educational needs. Information about the process, including an application form, is sent to schools at the end of Term 2. Further guidance and advice related to enrolments in a language course can be found on the Authority website at www.scsa.wa.edu.au

Mathematics

Mathematics Methods	ATAR
Mathematics Specialist	ATAR
Mathematics Applications	ATAR
Mathematics Essentials	General

Mathematics Methods ATAR

Compulsory Course Cost: \$50 per year

Prerequisites:

- An A grade in course 10A; or with special permission from the Head of Learning Area in consultation with teachers, a B in course 10A and a willingness to undertake bridging coursework.
- At least Band 8 in NAPLAN Numeracy or Category 3 in OLNA Numeracy

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

Mathematics Methods provides a foundation for further studies in disciplines in which mathematics and statistics have important roles. It is also advantageous for further studies in the health and social sciences. In summary, this course is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level.

Mathematics Specialist ATAR

Compulsory Course Cost: \$50 per year

Prerequisites:

- Concurrent enrolment in Methods
- An A grade in course 10A; or with special permission from the Head of Learning Area in consultation with teachers, a B in course 10A and a willingness to undertake bridging course work.
- At least Band 8 in NAPLAN Numeracy or Category 3 in OLNA Numeracy.

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

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

Mathematics Applications ATAR

Compulsory Course Cost: \$50 per year

Prerequisites:

- A passing grade in course 10A, an A grade in 10 Maths, or with special permission from the Head of Learning Area in consultation with teachers.
- At least Band 8 in NAPLAN Numeracy or Category 3 in OLNA Numeracy.

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

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

Mathematics Essential GENERAL

Compulsory Course Cost: \$50 per year

Prerequisites: Not Applicable

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.

Science

Chemistry	ATAR
Earth and Environmental Science	ATAR, General
Human Biology	ATAR, General
Integrated Science	General
Physics	ATAR

Chemistry ATAR

Compulsory Course Cost: \$60 per year

Prerequisites: A or B Grade in Year 10 Chemical Science strand

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

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

Earth and Environmental Science ATAR

Compulsory Course Cost: \$60 per year

Prerequisites: A or B Grade in Year 10 Earth Environmental Science strand.

This ATAR course explores our planet as a dynamic global system involving interactions between the geosphere, hydrosphere, atmosphere and the biosphere. A multidisciplinary approach, including geological and environmental sciences, encourages students to be curious about the world around them and to apply scientific principles to develop a balanced view of the benefits and challenges presented by the utilisation of resources. Management of environmental issues is explored, with students having opportunities to discuss issues and draw evidence-based conclusions.

Earth and Environmental Science GENERAL

Compulsory Course Cost: \$60 per year

Prerequisites: C Grade in Year 10 Science

This General course encourages students to develop their scientific skills of curiosity, observation, collection and analysis of evidence in the context of the dynamic planet Earth. A multidisciplinary approach, including geological and environmental sciences, encourages students to be curious about the world around them and to apply scientific principles to develop a balanced view of the benefits and challenges presented by the utilisation of resources. Sustainable management of resource use and its effects on the environment are a focus.

Students conduct practical investigations and have the opportunity to participate in field-based excursions that encourage them to apply what they have learnt in class to real world situations and ecosystems. This course provides an understanding of the minerals and energy industry and its contribution to Western Australia's economy.

Human Biology ATAR

Compulsory Course Cost: \$60 per year

Prerequisites: A or B Grade in Year 10 Human Biology Science strand

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.

Human Biology GENERAL

Compulsory Course Cost: \$60 per year

Prerequisites: C Grade in Year 10 Science

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

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

Integrated Science GENERAL

Compulsory Course Cost: \$60 per year (To be ratified by the School Board)

Prerequisites: C Grade in Year 10 Science

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.

Physics ATAR

Compulsory Course Cost: \$60 per year

Prerequisites: A or B Grade in Year 10 Earth Environmental Science strand

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.

Technologies

Aviation	ATAR
Building and Construction	General
Design (Technical Graphics context)	General
Food Science and Technology	General
Design (Metal context)	General
Design (Wood context)	General
Design (Textiles context)	General

Aviation ATAR

Compulsory Course Cost: \$50 per year

Prerequisites: A or B Grade in Year 10 Aviation

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

Building and Construction GENERAL

Compulsory Course Cost: \$120 per year

Prerequisites: Not applicable

The Building and Construction General course encompasses the skills and applications of many of the trades and professions in the construction industry. Students have the opportunity to develop and practise skills that contribute to creating a physical environment, while acquiring an understanding of the need for sustainability, and an awareness of community and environmental responsibilities. Students will learn and practise building processes and technologies, including principles of design, planning and management.

Design GENERAL (In the context of Technical Graphics)

Compulsory Course Cost: **\$130**

Prerequisites: **Not applicable**

In the Design General course students develop skills and processes for current and future industry and employment markets. Students are equipped with the knowledge and skills to understand design principles and processes, analyse problems and devise innovative strategies through projects. Students are able to focus on particular contexts from a choice of photography, graphics, dimensional design and technical graphics. The Design General course also emphasises the scope of design in trade based industries allowing students to maximise vocational pathways.

Graphics context

This context includes elements of digital media, interactive media, graphics technology, technical graphics and visual communication. Whilst these fields share a common link through digital technology, graphics also includes traditional two dimensional design media.

NB: This course can also be done in the Photography context - **see Arts page 13**

Food Science and Technology GENERAL

Compulsory Course Cost: **\$260 per year**

Prerequisites: **Not applicable**

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 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.

Materials Design and Technology 'Metal' GENERAL

Compulsory Course Cost: \$120 per year

Prerequisites: Not applicable

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

Materials Design and Technology 'Wood' GENERAL

Compulsory Course Cost: \$110 per year

Prerequisites: Not applicable

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

Materials Design and Technology 'Textiles' GENERAL

Compulsory Course Cost: \$90 per year

Prerequisites: Not applicable

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

Certificate II Qualifications

Under the Western Australia Certificate of Education rules, students must complete either four ATAR courses in Year 12 or achieve a Certificate II qualification (or higher). Certificate qualifications at Kent Street Senior High School commence in Year 11 and take two* years to complete.

All Certificate II qualifications are nationally recognised and provide 4 unit equivalents for WACE and up to 22 TAFE entry points. Students may choose up to two certificates.

*Certificate II in Business and Certificate II In Information, Digital Media and Technology can be completed in one year.

AHC21010 Certificate II in Conservation and Land Management

This qualification is delivered over two years under the auspices of VETiS Consulting Services (VCS)
RTO code: 52499



Compulsory Course Cost: \$110 per year

Prerequisites: C Grade in Year 10 Science

Certificate II in Conservation and Land Management is a two year qualification that leads to a variety of careers and higher qualifications in conservation and land management.

The certificate has a practical focus- in 2017 the focus is on flora and in 2018 students study fauna and work to rehabilitate Kensington bushland. In addition, students are encouraged to join one of hundreds of volunteer conservation groups and receive additional WACE points.

This certificate requires the completion of three days of work placement including an overnight camp. Work placement days may include exam periods or staff development days. Students unable to attend on those days will have to make their own arrangements to complete the work placement requirements.

Units within Certificate II in Conservation and Land Management include:

- Participate in environmentally sustainable work practices
- Recognise plants
- Plant trees and shrubs
- Determine basic properties of soil and/or growing media
- Undertake propagation activities
- Treat weeds
- Apply animal trapping techniques
- Maintain wildlife habitat refuges
- Recognise fauna
- Observe and report plants and/or animals
- Provide first aid

MEM20413 Certificate II in Engineering Pathways- Trade Training Centre



This qualification is delivered over two years under the auspices of Careers Australia

RTO code: 31470

Compulsory Course Cost: \$250 per year

Prerequisites: By application and aptitude testing prior to entry

Enter a metals trade in fabrication with Certificate II in Engineering Pathways. The Curtin Trade Training Centre at Kent Street Senior High School provides trade quality training and equipment to allow students to achieve a qualification in metals fabrication over two years. Students have the option of applying their skills and knowledge in the workplace during school holidays (this may attract additional WACE credits).

This certificate articulates to a range of post-school options including apprenticeships and further studies in metals fabrication. Competitive entry requirements apply - a pre-entry test must be completed before an offer of a place is made.

Units within Certificate II in Engineering Pathways include:

- Use power tools/hand held operations
- Interact with computing technology
- Use fabrication equipment
- Use electric welding machines
- Use engineering workshop machines
- Undertake a basic engineering project
- Develop a career plan for the engineering and manufacturing industry

This certificate may require students to attend outside normal school hours – typically 1-2 hours per week until 5PM or earlier.

SIT20316 Certificate II in Hospitality



This qualification is delivered over two years under the auspices of VETiS Consulting Services (VCS)

RTO code: 52499

Compulsory Course Cost: \$150 per year

Prerequisites: C Grade or better in Year 9/10 Home Economics

Whether you want to be a better cook or become a chef, Certificate II in Hospitality will give you the skills to cook up a storm. This two-year certificate develops skills and experience in food and beverage preparation and sales. Students will create food and beverages to sell to staff and students from a simulated café. Students will learn to market and package products, operate a commercial coffee machine and cash register. This certificate articulates to a range of post-school options including apprenticeships and further studies in hospitality. Units within Certificate II in Hospitality include:

- Interact with customers
- Use hygienic practices for food safety
- Prepare simple dishes
- Prepare sandwiches
- Prepare and serve espresso coffee
- Produce appetisers and salads
- Provide first aid

This certificate may require students to attend outside normal school hours – typically 1 hour per week before or after normal school hours.

ICT20115 Certificate II in Information, Digital Media and Technology

The school is yet to enter into a partnership with a registered training organisation to deliver this qualification over 1-2 years.

Compulsory Course Cost: \$60 per year

This two-year certificate is for students intending to develop their Information Communication and Technology (ICT) skills so that they can be an effective ICT user or employee. The qualification provides foundation general computing and employment skills that enable participation in an information technology environment in any industry. ICT skills and knowledge underpins all Australian industries and is highly regarded in many current and emerging occupations.

Units within Certificate II Information, Digital Media and Technology include:

- Use computer operating systems and hardware
- Operate application software packages
- Operate a digital media technology package
- Use social media tools for collaboration and engagement
- Install and optimise operating system software
- Install software applications
- Apply problem-solving techniques to routine ICT malfunctions
- Administer network peripherals
- Connect and use a home-based local wireless network

Students that achieve this qualification in Year 11 may have the opportunity to enroll in Certificate III Information, Digital Media and Technology in Year 12.

CUA20615 Certificate II in Music Industry



This qualification is delivered over two years under the auspices of VETiS Consulting Services (VCS)
RTO code: 52499

Compulsory Course Cost: \$90 per year

Prerequisites: B Grade or above in Year 9/10 Music

Certificate courses combine practical skills with industry level training allowing students to move into higher level music training beyond school. Students will develop technical and artistic skills in music using industry level equipment and software.

Units within Certificate II in Music Industry include:

- Develop and apply creative arts industry knowledge
- Play or sing simple musical pieces
- Incorporate music technology into performance
- Develop ensemble skills for playing or singing music
- Play or sing music from simple written notation
- Create and test an interactive CD-ROM/DVD

SIS20213 Certificate II in Outdoor Recreation

This qualification is delivered over two years under the auspices of VETiS Consulting Services (VCS)
RTO code: 52499

Compulsory Course Cost: \$250 per year

Prerequisites: C Grade or better in Year 10 Physical Education and Year 10 English

Certificate II in Outdoor Recreation develops skills across a range of outdoor pursuits through a mix of classroom based learning and then application outdoors. As this qualification requires water-based activities a proficiency in swimming is essential.

- Canoeing
- Camping
- Small boat handling and yachting
- Trip preparation and planning
- Safely operate a powered craft
- Respond to boating emergencies and incidents
- Snorkelling
- Maritime rules and regulations
- Surfing
- Additional qualifications embedded with this program:
- Surf Rescue Certificate
- Level 2 Small Boat Sailing
- Recreational Skippers Ticket
- Provide first aid

Certificate II in Outdoor Recreation is an industry-developed qualification that articulates into a range of post-school certificates and careers.

This qualification requires an ability to swim in a range of conditions and participate in overnight camps. It may require students to attend outside normal school hours – typically 1 hour per week before or after normal school hours.

SIS20115 Certificate II in Sport and Recreation - Cricket

This qualification is delivered over two years under the auspices of North Metropolitan TAFE
RTO code: 52786



Compulsory Course Cost: \$500 per year

Prerequisites: Specialist Cricket program

Certificate II in Sport and Recreation is for students enrolled in the Specialist Cricket program. The two-year qualification is for students intending to develop skills as part of a recreational or career pathway in cricket or the sport and fitness or sport and recreation industry. The certificate provides four hours of practical and class-based training per week and a comprehensive match and touring cricket program.

Kent Street Senior High School has an extensive network of industry partners and contacts including the WACA - allowing students access to WACA resources and staff in addition to Kent Street's own facilities.

Units within Certificate II in Sport and Recreation (Cricket) include:

- Perform the intermediate skills of cricket

- Perform the intermediate tactics and strategies of cricket
- Provide first aid
- Respond to emergency situations
- Develop and update sport, fitness and recreation industry knowledge
- Develop and update knowledge of coaching practices
- Coach beginner or novice participants to develop fundamental motor skills
- Assist in preparing and conducting sport and recreation sessions

At the completion of this certificate students are guaranteed entry into a full-time qualification at North Metropolitan TAFE- the State's leading provider of vocational training in sport and recreation. In addition, North Metropolitan TAFE has pathways to University study. Details of tertiary options are available from the TAFE website (www.northmetrotafe.wa.edu.au).



SIS20115 Certificate II in Sport and Recreation

This qualification is delivered over two years under the auspices of North Metropolitan TAFE
RTO code: 52786

Compulsory Course Cost: **\$130 per year**

Prerequisites: **C Grade or above in Year 10 Physical Education and Year 10 English**

Certificate II in Sport and Recreation is for students seeking to enter a career in sport, fitness, community recreation, aquatics or sports teaching. The two-year qualification will train students to establish and conduct sports sessions with children from Year 7 and above and develop the latest skills in coaching, injury prevention and firstaid.

Units within Certificate II in Sport and Recreation include:

- Provide first aid
- Respond to emergency situations
- Develop and update sport, fitness and recreation industry knowledge
- Develop and update knowledge of coaching practices
- Coach beginner or novice participants to develop fundamental motor skills
- Assist in preparing and conducting sport and recreation sessions
- Develop and update officiating knowledge
- Officiate games or competitions

At the completion of this certificate students are guaranteed entry into a full-time qualification at North Metropolitan TAFE- the State's leading provider of vocational training in sport and recreation. In addition, North Metropolitan TAFE has pathways to University study. Details of tertiary options are available from the TAFE website (www.northmetrotafe.wa.edu.au).

CUA20715 Certificate II in Visual Arts

This qualification is delivered over two years under the auspices of North Metropolitan TAFE
RTO code: 52786



Compulsory Course Cost: \$155 per year

Prerequisites: B Grade or above in Year 9/10 Art

Certificate courses combine practical skills with industry level training allowing you to move into arts training or a career beyond school. This certificate links to the specialist fashion program and is also suitable for students with a general interest and aptitude in art.

Units within Certificate II in Visual Arts include:

- Participate in OHS processes
- Use basic drawing techniques
- Make simple creative work
- Source and use information relevant to own arts practice
- Develop painting skills
- Develop drawing skills
- Apply critical thinking techniques
- Develop printmaking skills
- Store finished creative work

At the completion of this certificate students are guaranteed entry into a full-time qualification at North Metropolitan TAFE- the State's leading provider of vocational training in the Arts. In addition, North Metropolitan TAFE has pathways to University study. Details of tertiary options are available from the TAFE website (www.northmetrotafe.wa.edu.au).

BSB20115 Certificate II in Business*

The school is yet to enter into a partnership with a registered training organisation to deliver this qualification over 1-2 years.

Compulsory Course Cost: \$50 (1 year program in Year 12)

Prerequisites: Year 12 and fewer than 4 ATAR (or at risk of an ATAR below 55) and no other certificate

This qualification provides students with generic computing, communication and organisational skills that are relevant to all workplaces. Skills include word processing, spread sheets, electronic presentations, workplace communication and organisation, workplace health and safety, email and sustainability.

This certificate is targeted at students without four ATAR courses in Year 12 that require a certificate to achieve the Western Australian Certificate of Education. The certificate is largely online and self-paced with support from a teacher.

Participants will require their own laptop or tablet device with keyboard that meets Kent Street SHS BYOD specifications. Work must be submitted in MS Office format (through the Department of Education students have access to a free copy of Office 365 for up to 10 devices).

Certificate terms and conditions

Certificates are undertaken under an agreement between Kent Street SHS and various registered training organisations (3rd parties). This means:

- Data will be shared with 3rd parties – enrolment and result information and student/parent contact details
- The student will be a student of both Kent Street SHS and the 3rd party and will therefore need to adhere to the policies of both organisations
- Qualifications are correct as at July 2016 but are subject to change as qualifications are reviewed. Students may commence a qualification, but the qualification may change during the course of the enrolment to reflect the latest version or changed at the request of our partner registered training organisation.

Unique Student Identifier

It is a federal government requirement that all students enrolled in a certificate require a student number called a Unique Student Identifier (USI). The student must make a request for a number online and provide it to the school for forwarding to the registered training organisation Kent Street Senior High School is partnered with.

The USI allows a student's record of training to be recorded on a national training database and should be kept for future use when enrolling in further training or education.

See usi.gov.au for details. USIs should be forwarded to brian.gould@education.wa.edu.au and include the student's name in the subject line.

Certificates and the WACE

Certificates consist of a number of subjects called *units of competency*. To demonstrate competence in each unit of competency students must complete a number of assessments to standard within each unit. The effect of this is that a student must satisfactorily complete every assessment for every unit of competency to achieve the certificate. Unlike courses, a student can attempt an assessment piece a second time and then be deemed competent.

Completed certificate II qualifications contribute to the WACE by converting to C grade equivalents. A certificate II converts to 4 unit equivalents of which 2 units are credited to Year 11 and 2 to Year 12 regardless of the year the certificate was achieved.

No credit is awarded for an incomplete certificate II.

A non-ATAR student that does not achieve a certificate will not meet WACE (graduation) requirements.

Post-school options for students with a certificate

Certificates typically provide 22 TAFE entry points, potential partial credit for an apprenticeship or traineeship and an alternative pathway to university entry.

TAFE Entry

Many TAFE qualifications have competitive entry, meaning students are allocated points (up to 100) based on:

- School results – English and two other courses (up to 42 points)
- Prior work experience (up to 29 points)
- Completion of a certificate II (17.5 - 22 points, higher qualifications up to 29 points)

Therefore students that achieve a certificate at school will be able to combine TAFE entry points from both their school courses and certificate. Students that are, or have been, employed are eligible for additional entry points.

University Entry

All WA universities recognise prior learning, including the achievement of certificates. A Certificate IV is the minimum requirement for alternative entry to Curtin, ECU and Murdoch. For UWA a Diploma is the minimum requirement. Details of university entry via certificates is overleaf.

How a certificate may assist in university entry*

Direct entry from school to university requires an ATAR score that is derived from a student's performance in at least four ATAR courses in Year 12. Some students develop career plans in senior school that require completion of a degree qualification from a university. Students that typically require an alternative pathway to university either did not choose ATAR courses or they are not achieving as expected in ATAR courses and are unlikely to have a sufficient ATAR for direct entry to university.

In either case, one alternative pathway to university is via the completion of a certificate at school then application to TAFE for full-time entry (at the end of Year 11 or 12 or mid-way through Year 12). Upon completion of the TAFE qualification (typically at certificate IV level), the student applies to university via alternative entry.

*Advice should be sought from the University and TAFE prior to application.

Kent Street example:

Sarah loves her sport and would like to be a primary school physical education teacher. She has not done ATAR courses at school but requires a university degree to qualify as a teacher.

Sarah achieves her Certificate II in Sport and Recreation whilst at school. She then applies and gains entry to the combined Certificate IV/Diploma in Sports Development (one year in total at North Metropolitan TAFE). The costs of the Diploma can be deferred through the VET-FEE HELP program.

At the conclusion of her studies she seeks entry to Curtin and her Certificate IV/Diploma is converted by Curtin to an equivalent ATAR of 83 (70 is the minimum for Curtin, ECU and Murdoch University entry). Based on an equivalent ATAR of 83 Sarah is offered a place in the university Bachelor of Education program.

University certificate pathways

ECU

Certificate IV Minimum final school grade of A in General English or equivalent; or successfully completed ATAR English, ATAR Literature, or ATAR EALD

Diploma or Advanced Diploma Advanced standing

Murdoch

Certificate IV Cert IV does not need to align to planned university degree. Excludes direct entry into some competitive degrees.

Diploma or Advanced Diploma Advanced standing. Excludes direct entry into some competitive degrees

Curtin

Certificate IV

- Enables application for some degrees (usually entry level and no pre-requisites)
- English language competence has to be demonstrated – ATAR English scaled score of 50 or sit STAT test via TISC (seek waiver if below age)
- Pre-requisites must be met
- Converts to 70 ATAR

Diploma

- Demonstration of English language competence waived
- Pre-requisites must be met unless qualification aligns to degree then some pre-requisites are waived
- Converts to 83 ATAR

Advanced Diploma Advanced standing – can contribute up to 200 credit point depending on alignment to the degree (12 months credit)

UWA

Diploma or Advanced Diploma Plus must demonstrate English language competence

Correct as at July 2016

Flexible Learning Program (FLP)

The Flexible Learning Program (FLP) is an alternative form of schooling within Kent Street Senior High School for Year 11 and 12 students. FLP suits students that for a variety of reasons do not reach their potential in a mainstream setting. FLP students typically meet one of the following criteria:

- lower than expected results in subjects
- poor attendance
- unable to stay on task for lengthy periods
- physical or mental health concerns
- living circumstances that affect school
- disrupted schooling in previous years that has left gaps in the child's education
- English as a second language students that benefit from additional support
- seeking to make a transition from school into further training or an apprenticeship or traineeship

Students have the same teacher for most of the day in a reduced class-size of 16 students and attend one class in the main school. Workplace learning is an important aspect of FLP and students are required to undertake work experience one day per week.

Students have a dedicated classroom and personal desk with computer. FLP students have access to additional tutor support from Curtin University volunteers and can make use of FLP facilities- a kitchen to prepare a basic breakfast and a laundry and dryer for uniform and personal clothes.

Typical Flexible Learning Program:

- English (general)
 - Mathematics Essentials
 - Career and Enterprise
 - Workplace Learning
 - Certificate II in Business
- } same teacher
- One course of certificate from the main school

Students for the Year 11 program are selected early in term 3 of Year 10. Students, or parents of students, interested in applying for the Flexible Learning Program should contact Brian Gould at the school (Brian.Gould@education.wa.edu.au or 9262 0522). Places are limited and competitive.

Appendix: Other information you may wish to access

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/OLNA/disability_adjustments

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)

- 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>

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

The Western Australian Certificate of Education (WACE)

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

ATAR examinations

- Examination information
- University entrance
- Special provisions
- Past WACE examinations

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

WASSA (Western Australian Statement of Student Achievement)

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

Visit the Authority website at www.scsa.wa.edu.au for more information.