CURRICULUM INFORMATION HANDBOOK
YEAR 11, 2016

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Dear student

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

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

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

Course Selection Process

The course selection process is used to help students select appropriate courses consists of a number of stages,

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

This Handbook contains information on:

- The courses offered.
- Governor Stirling SHS Course Selection Policy.
- Achievement of WACE (Western Australian Certificate of Education)

Online Course Selection

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

Enrolment Interviews

For the student to complete the online course selection process, parents must also make a course counseling interview appointment online. Parents do this via a link at the end of the School Online Booking System (SOBS) process.

Both students and a parent/guardian must attend the Course Counseling interview. Please refer to the Course Selection Policy [page 8] for details of what documents you must bring to the enrolment interview.

In the majority of cases students will be able to study their 6 preferred courses for Year 11. Occasionally, a student chooses a pattern of courses that is uncommon and two of their courses occur at the same time. In these cases students will be contacted to discuss their options. In addition, if a student has chosen a course that is not viable due to numbers, they will be contacted regarding an alternative choice.
School Charges
Course Charges & Extra Cost Options
All course cost for Year 11 and 12 students are compulsory charges and required to be paid by the due date. For Specialist courses and High Cost courses, at least 50% of the charges must be paid at the time the Course Selection Sheet is finalized and the balance paid within the following five weeks.

There will be additional charges where extra cost activities are part of the Year 11 and 12 educational program, such as excursions and camps that students are expected to attend and which the course charges do not cover. An example sheet of these additional costs is included in Appendix B of this booklet.

In December this year, the parent or guardian will receive an information package which will include the updated additional cost charges, booklist and statement of course charges and voluntary contributions. It is expected that payment is finalised by week five (5) of Term 1, 2016.

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

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

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

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

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

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

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

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

Medical Conditions Affecting School/Exam Performance

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

Types of Programs of Study Offered

In Year 11, two types of programs are offered:

ATAR (University) Pathway Program

General Pathway Program (Non-University - including VET)

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

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

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

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

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

Before determining which course to take, make sure you thoroughly read and understand the Governor Stirling SHS COURSE SELECTION POLICY (Page 8).
ATAR (University) Pathway Courses

These courses are examined externally for the purposes of university entrance. Examinations covering the Year 12 courses are held in November every year. Specific dates for each year are available from the TISC website, www.tisc.edu.au. Each course in Year 11 is the counterpart of a course in Year 12 and is normally studied as a prelude to the Year 12 course; for example, Geography ATAR Year 11 followed by Geography ATAR Year 12.

It is recommended that students aiming for university entrance study a minimum of five ATAR courses in Year 11 (and subsequently the corresponding five ATAR courses in Year 12).

For ATAR courses studied in Year 12, in addition to the grade (determined, as above, by the school), students will receive an external assessment based on 50% of a mark submitted by the school (covering Year 12 work only) and 50% of the mark attained in the external exam.

Unacceptable Course Combinations – ATAR Courses

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

Chemistry ATAR with Integrated Science ATAR

Physics ATAR with Integrated Science ATAR

English ATAR with Literature ATAR

General Pathway Courses (Non-University)

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

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

Vocational Education and Training (VET)

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

When choosing courses:

Make a **COMMITMENT** for two years. It is advisable to follow a Year 11 course through to the end of Year 12.

Read the detailed course descriptions contained in this handbook.

Consider interest, abilities and career aspirations.

Check that you have met the minimum entrance requirements.

Course Selection Policy

1. Year 11 Course Selection Policy

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

The following information is to be provided by the student at his or her course selection interview, prior to finalising of course choices. If you do not have a copy of these documents, contact the school at which the student sat NAPLAN or OLNA. Course selections will not be finalised until this information has been supplied.

- Year 11 2016 Course Selection Form (the student will print this at the completion of his/her online course selection process).
- Latest school report (If enrolling in Year 11, in most cases this is Semester One, Year 10)
- Year 9 NAPLAN results.
- OLNA results (unless the student prequalified through his/her Year 9 NAPLAN results)

**ATAR (University) Pathway**

University pathway courses should be attempted only if students meet the minimum recommended entrance requirements outlined in this curriculum information booklet. All students aiming for entry to university directly from Year 12 will be required to enrol in a minimum of five (5) ATAR pathway courses or four (4) ATAR courses and one (1) Certificate II course.

**NB: All students are required to take at least one (1) Certificate II course unless approved by the Vice Principal.**

**General Pathway (Non University)**

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

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

Student individual academic success is a priority of teaching and learning at Governor Stirling SHS. All learning programs focus on the successful attainment of academic goals and a student’s successful transition to a preferred pathway at the completion of Year 12.
In order to achieve this outcome, all students in Year 11 are required to achieve the minimum standard of a C Grade (or equivalent) in three courses. A C grade equivalent is achieved in Certificate II courses by the achievement of all units of competence.

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

2. Year 12 Enrolment

ATAR Pathway (University Pathway)

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

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

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

Withdrawing from a Course to have Independent Study Time

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

Changing Courses

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

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

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

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

By achieving WACE, the student demonstrates to potential employers, training organisations or tertiary institutions that work completed during Years 11 and 12 has met a national standard.

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

1. The **Western Australian Certificate of Education (WACE)** will be issued to all students who achieve WACE.
2. A **Western Australian Secondary Statement of Achievement (WASSA)** will be issued to Year 12 students who complete any study that contributes to WACE.

Western Australian Certificate of Education (WACE)

Parents and students are advised to check the School Curriculum and Standards Authority (SCSA) website, www.scsa.wa.edu.au for the most up to date information on the requirements for the achievement of secondary graduation (WACE) for their child. Alternatively, contact SCSA by phone: (08) 9273 6300.

Students who have commenced enrolment at GSSHS may also approach the Manager of Student Studies, Careers Counsellor or a Vice Principal for details of WACE requirements.

University Entrance Requirements

In order to be considered for university admission, a school leaver applicant should have:
(a) met the **WACE** requirements prescribed by the School Curriculum and Standards Authority;
(b) achieved **competence in English** as prescribed by the individual universities;
(c) obtained a **sufficiently high ATAR** for entry to a particular university course; and
(d) met any prerequisites or special requirements for entry to particular courses.

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

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

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

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

**Murdoch University**
www.murdoch.edu.au

**The University of Western Australia**
www.uwa.edu.au
STATE TRAINING PROVIDER (STP) (formerly TAFE)

Entrance Requirements
For additional information, students and parents are encouraged to contact the
Career Centre
Phone: 13 23 98
Email: career.centre@dtwd.wa.gov.au
Webpage: www.trainingwa.wa.gov.au

As a guide only, key points of the STP entry requirements include:
Qualifications offered by STP will be divided into two groups.
\[\text{The first group}\] of qualifications will require applicants to address entry requirements only: These are qualifications for which there are more places available than applicants.

\[\text{The second group}\] of qualifications will require applicants to address both entry requirements and selection criteria: These are qualifications for which there are more applicants than places available; and Selection criteria will focus on past secondary education achievement/skill development; previous qualifications; and workplace experience: paid or unpaid.

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

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<tbody>
<tr>
<td>Points allocated according to levels of achievement in THREE courses, including English or Literature or English as a Second Language or Dialect.</td>
<td>Points allocated for each hour of WPL, Work Experience, volunteer and paid or unpaid work.</td>
<td>Points allocated for any part or full Certificate or Degree qualification already achieved.</td>
</tr>
</tbody>
</table>

What does this mean for students selecting their learning program for Years 11 and 12?
Students should select a broad range of courses and experiences for which they have satisfied the recommended minimum entrance requirements. A student wanting to be prepared for the broadest range of STP courses, in addition to an English course, would typically include in their program of study a Maths and Science course, combined with other courses in their area of interest. Students must achieve the highest result of which they are capable. Participating in all classes and learning experiences and submitting all work on time are the most successful strategies to achieve the highest outcomes.
Summary of courses

English

English: ATAR, General

English ATAR $50
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.

Minimum Entrance Requirements
B Grade in Year 10 English.

English General $50
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.

The Arts

Dance: ATAR/General
Design Photography: General
Media Production and Analysis: ATAR
Music: ATAR
Visual Arts: ATAR/ General

Dance ATAR/General $70 HIGH COST COURSE (HCC) refer to Appendix B
The Dance course acknowledges the interrelationship between practical and theoretical aspects of dance – the making and performing of movement and the appreciation of its meaning. Through decision-making in individual and group work, students use a wide range of creative processes, such as improvisation and the use of choreographic elements and devices to create dance works. They also learn how dance styles and forms are historically derived and culturally valued. Through dance, students experience an intrinsic sense of enjoyment and have an opportunity to achieve a high level of movement skills.

Design Photography General $90 HIGH COST COURSE (HCC)
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.
Media Production and Analysis ATAR $90 \textbf{HIGH COST COURSE (HCC)}

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.

**Minimum Entrance Requirements**
B Grade in Year 10 Media and English.

Music ATAR $90 \textbf{HIGH COST COURSE (HCC)}

The Music ATAR course encourages students to explore a range of musical experiences, developing their musical skills and understanding, and creative and expressive potential, through a choice of one of three defined contexts: Western Art Music, Jazz, or Contemporary Music. The course consists of a written component incorporating Aural and Theory, Composition and Arrangement, Cultural and Historical analysis, and a practical component. The practical component can be delivered in a different context, independent of the written component. Students can choose to perform on an instrument or voice in one of four contexts, and/or submit a composition portfolio. The Music course provides opportunities for creative expression, the development of aesthetic appreciation, and understanding and respect for music and music practices across different times, places, cultures and contexts. Students listen, compose, perform and analyse music, developing skills to confidently engage with a diverse array of musical experiences, both independently and collaboratively. Studying music may also provide a pathway for further training and employment in a range of professions within the music industry.

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

Visual Arts ATAR/General ATAR $110 General $120 \textbf{HIGH COST COURSE (HCC)} Refer Appendix B

In the Visual Arts 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.

Health and Physical Education

**Outdoor Education: General**

**Physical Education Studies: General**

Outdoor Education General $70 \textbf{HIGH COST COURSE (HCC)} Refer to Appendix B

**Note:** A camp cost may be required

Through interaction with the natural world, Outdoor Education aims to develop an understanding of our relationships with the environment, others and ourselves. The Outdoor Education General course focuses on outdoor activities in a range of environments, including bushwalking, sailing, climbing and orienteering. It provides students with an opportunity to develop essential life skills and physical activity skills, and an
opportunity to develop a comprehensive understanding of the environment and develop a positive relationship with nature. The course also provides students with opportunities to develop skills that will enable them to pursue personal interests and careers in outdoor pursuits, environmental management, or eco-tourism.

**Physical Education Studies General $60**
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 Sciences**

**Geography: ATAR**
**Modern History: ATAR**
**Economics: ATAR**
**Politics and Law: General**

**Economics ATAR $75**
Economics explores the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. The Economics ATAR course aims to develop students’ ability to analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. The study of Economics provides a framework for examining society’s issues and identifying possible solutions which assist decision making. The emphasis of the course is on the Australian economy.

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

**Geography ATAR $65**
The study of the Geography ATAR course draws on students’ curiosity about the diversity of the world’s places and their peoples, cultures and environments. It provides students with the knowledge and understanding of the nature, causes and consequences of natural and ecological hazards, international integration in a range of spatial contexts, land cover transformations, and the challenges affecting the sustainability of places. In the ATAR course, students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports.

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

**Geography General $65**
In the Geography General course students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports. Geography as a discipline values imagination, creativity and speculation as modes of thought.
It develops students’ knowledge about the interconnections between places and explores the spatial patterns and processes related to environments at risk, and to the protection of such environments through management at local, regional and global levels.

**Modern History ATAR $65**

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

**Minimum Entrance Requirements**

B Grade in Year 10 English.

**Politics and Law General $65**

The Politics and Law General course provides an examination of the processes of decision making concerning society’s collective future. It aims to develop an understanding of the principles, structures, institutions and processes of Australia’s political and legal system and the complexities of government, making comparisons with alternative political and legal systems.

**Mathematics**

**Mathematics Methods: ATAR**

**Mathematics Specialist: ATAR**

**Mathematics Applications: ATAR**

**Mathematics Essential: General**

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

**Mathematics Methods ATAR $52**

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. Text book and CAS calculator must be purchased as a requirement of this course.

**Minimum Entrance Requirements**

B Grade in Year 10 Maths.
**Mathematics Specialist ATAR $52**

This course is NOT a stand-alone course and MUST be studied in conjunction with 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. Text book and CAS calculator must be purchased as a requirement of this course.

**Minimum Entrance Requirements**

A Grade in Year 10 Maths.

**Mathematics Applications ATAR $52**

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. Text book and CAS calculator must be purchased as a requirement of this course.

**Minimum Entrance Requirements**

B Grade in Year 10 Maths.

**Mathematics Essential General $52**

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. The Mathematics Foundation General 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. Text book and Scientific calculator must be purchased as a requirement of this course.

**OLNA Numeracy $52**

OLNA Numeracy focuses on using mathematical and numeracy skills to support success in the OLNA test.
Science

Biology: ATAR
Chemistry: ATAR
Human Biology: ATAR
Integrated Science: General
Physics: ATAR

Biology ATAR $52
A unique appreciation of life and a better understanding of the living world are gained through studying the Biology ATAR course. This course encourages students to be analytical, to participate in problem-solving and to systematically explore fascinating and intriguing aspects of living systems, from the microscopic level through to ecosystems.

Students develop a range of practical skills and techniques through investigations and fieldwork in authentic contexts, such as marine reefs, endangered species, urban ecology, or biotechnology. Scientific evidence is used to make informed decisions about controversial issues.

Minimum Entrance Requirements
B Grade in Year 10 Science.

Chemistry ATAR $52
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.

Minimum Entrance Requirements
B Grade in Year 10 Science.

Human Biology ATAR $52
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.

Minimum Entrance Requirements
B Grade in Year 10 Science.
Integrated Science General $52
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 $60
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.

Minimum Entrance Requirements
B Grade in Year 10 Science.

Technologies & Enterprise
Accounting and Finance: ATAR
Engineering: ATAR
Building and Construction: General
Career and Enterprise: General
Business, Management and Enterprise General

Accounting and Finance: ATAR $50.00
The Accounting and Finance ATAR course focuses on financial literacy and aims to provide students with the knowledge, understandings and a range of skills that enables them to make sound financial judgements. Students develop an understanding that financial decisions have far reaching consequences for individuals and business. The course will provide students with the understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. Through the preparation, examination and analysis of a variety of financial documents and systems, students develop an understanding of the fundamental principles and practices upon which accounting and financial management are based. An understanding and application of these principles and practices enables students to analyse their own financial data and that of businesses and make informed decisions, forecasts of future performance, and recommendations based on that analysis.

Minimum Entrance Requirements
B Grade in Year 10 Maths and English.

Engineering Studies: ATAR $50.00
The Engineering Studies ATAR course provides opportunities for students to investigate, research and present information through a design process, and then undertake project management to make a functioning product. These activities provide students with opportunities to apply engineering processes,
understand underpinning scientific and mathematical principles, develop engineering technology skills and to understand the interrelationships between engineering projects and society.

Minimum Entrance Requirements
B Grade in Year 10 Science, Maths and English.

Building and Construction General $84.00 **HIGH COST COURSE (HCC)**
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.

Career and Enterprise General $50.00
Career education involves learning to manage and take responsibility for personal career development. The Career and Enterprise General course involves recognising one’s individual skills and talents, and using this understanding to assist in gaining and keeping work. The course develops a range of work skills and an understanding of the nature of work. Key components of the course include: the development of an understanding of different personality types and their link to career choices; entrepreneurial behaviours; learning to learn; and the exploration of social, cultural and environmental issues that affect work, workplaces and careers.

Business Management and Enterprise General $50.00
The Business Management and Enterprise General course gives students the opportunity to understand how vital business is to individuals and society. The Business Management and Enterprise General course aims to prepare all students for a future where they will need to identify possibilities and create opportunities within a business environment. This course provides students with the ability to make sound and ethical business decisions based on critical thinking and gives them knowledge to help start their own business in the future.

**VET**

Tourism
Business
Automotive
Creative Industries
Hospitality
Information Digital Media and Technology
Sport and Recreation:

SIT20107 **Certificate II Tourism $70**
This qualification will provide you with an overview of the tourism industry and some introductory practical administrative skills relevant to the tourism industry. You will learn about the tourism industry and safety and security in the workplace. You will also learn introductory skills in customer service, simple computing tasks and some basic administrative tasks.

Successful completion of this qualification provides you with the opportunity to gain a traineeship to become a sales assistant or reservation officer in the tourism industry. You will need to be employed and
registered as a trainee before you can commence traineeship training. Employment opportunities are enhanced with further study.

Further Study Options

Certificate III in Tourism (Operations). Traineeship

BSB20112 Certificate II Business $70
This qualification will provide you with the practical skills and knowledge to prepare for work and perform a range of administrative tasks in a defined context, including word processing, spreadsheets, mail procedures, preparing and processing accounts and the operation of a range of general office equipment.

Successful completion of this qualification provides you with the opportunity to become clerical worker, administration assistant, data entry operator, information desk clerk, office junior or a receptionist.

Further Study Options

Certificate III in Business Certificate III in Business Administration

ICA20111 Certificate II Information, Digital Media and Technology $70
This qualification will provide you with the practical skills and knowledge to operate the essential functions of software applications of a computer. You will learn skills that enable you to operate a computer and use software applications which could include packages for word processing, spreadsheets, databases, presentation packages, internet, email and basic web page construction. You will also learn about the different fields of information technology.

Successful completion of this qualification provides you with basic computing skills to support a wide range of varying industry occupations with role title such as office assistant, records assistant, junior office support.

Further Study Options

Certificate III in Information, Digital Media and Technology

SIT20312 Certificate II Kitchen Operations $200 HIGH COST COURSE (HCC)
This qualification reflects the role of individuals working in kitchens who use a defined and limited range of food preparation and cookery skills. They are involved in mainly routine and repetitive tasks and work under direct supervision. This qualification does not reflect the skills required by commercial cooks. Those skills are reflected in SIT30812 Certificate III in Commercial Cookery.

This qualification provides a pathway to work in kitchen operations in organisations such as restaurants, hotels, catering operations, clubs, pubs, cafes, cafeterias, coffee shops and institutions such as aged care facilities, hospitals, prisons and schools.

Possible job titles include: breakfast cook, catering assistant, fast food cook, sandwich hand, take-away cook.

Further Study Options
Certificate III qualifications in commercial cookery, patisserie and catering operations

**AUR20705 Certificate II Automotive Mechanical $150 [HIGH COST COURSE (HCC)]**
This qualification will provide you with skills and knowledge used in the automotive mechanical service and repair industry sector. It provides you with the opportunity to specialise in the industry sector of your choice. You will also learn how to apply safe work practices and apply environmental regulations and best practice in a workplace or business.

Successful completion of this qualification provides you with the opportunity to gain an apprenticeship as an automotive mechanic or progress to higher qualifications as an automotive specialist. You will need to be employed and registered as an apprentice before you can commence Certificate III training.

**Further Study Options**
Certificate III in Automotive Mechanical Technology & Certificate III in Automotive Specialist Apprenticeship

**CUF20107 Certificate II Creative Industries (Media) $80 [HIGH COST COURSE (HCC)]**
This qualification will provide you with the practical skills and knowledge to perform a range of mainly routine tasks in the creative industry sector. You will learn to develop and apply creative arts industry knowledge and apply critical thinking techniques. You will learn skills in audio and sound, techniques for presenting information on radio and to assist with a basic camera shoot. You can choose to learn to evaluate the nature of design in a specific industry context, general knowledge of lighting and general maintenance using hand tools and hand held power tools.

Successful completion of this qualification provides the opportunity to become, for example, a Community Radio Production Assistant or Community Television Production Assistant.

**Further Study Options**
Certificate III in Media

**SIS20412 Certificate II Sport and Recreation Netball $120 [HIGH COST COURSE (HCC)]**
This qualification provides the skills and knowledge for an individual to pursue a career as an athlete at a regional and state or territory level.

Those undertaking this qualification should hold a scholarship with an Institute of Sport, be a member of a state, territory or national team, squad or development program, a national or state or territory or school talent development program or a member of a second tier national competition.

**Further Study Options**
Certificate III in Sport and Recreation
A student who, typically, is aiming to enter further training of the workforce directly from school should consider VET courses.

VET courses have been developed in close consultation with WA Industry Training Councils and include a full, nationally recognised qualification.

Students studying VET can achieve full or partial, nationally recognised qualifications. Students can achieve Certificates II in the area they choose.

A student who does not complete the course requirements to achieve an ATAR will need to achieve a minimum of a Certificate II.

VET can contribute up to eight of the 20 units needed to achieve a WACE.

**Time and completion requirements**

VET course units are packaged as four WACE course units, linked to a specified qualification, and course unit credit is only awarded upon the completion of all of the course requirements.

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

The number of Workplace Learning endorsed program unit equivalents to be completed varies according to the qualification offered. Students must complete all components of the course before the full allocation of VET course unit credits can be certified on the student’s WACE statement of results.

**Course unit credit**

Course unit credit for VET courses is awarded as ‘completed’ for each VET course unit. The achievement descriptor ‘completed’ contributes in the same manner as a C grade for all other course units.

Regardless of the academic year in which a VET course is completed, WACE course credit is allocated across both Year 11 (Unit 1 and Unit 2) and Year 12 (Unit 3 and Unit 4). That is, part of the achievement allocation of a VET course is either retrospective or projected credit, depending on the year in which the course requirements are completed.

**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) $180 HIGH COST COURSE (HCC)**

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.
Appendix A: WACE breadth-of-study list for the WACE in 2016

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

<table>
<thead>
<tr>
<th>List A (arts/languages/social sciences)</th>
<th>List B (mathematics/science/technology)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboriginal and Intercultural Studies</td>
<td>Accounting and Finance</td>
</tr>
<tr>
<td>Aboriginal Languages of Western Australia</td>
<td>Animal Production Systems</td>
</tr>
<tr>
<td>Ancient History</td>
<td>Applied Information Technology</td>
</tr>
<tr>
<td>Arabic</td>
<td>Automotive Engineering and Technology</td>
</tr>
<tr>
<td>Business Management and Enterprise</td>
<td>Aviation</td>
</tr>
<tr>
<td>Career and Enterprise</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>Children, Family and the Community</td>
<td>Building and Construction</td>
</tr>
<tr>
<td>Chinese language courses</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Dance</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Drama</td>
<td>Design</td>
</tr>
<tr>
<td>Economics</td>
<td>Earth and Environmental Science</td>
</tr>
<tr>
<td>English</td>
<td>Engineering Studies</td>
</tr>
<tr>
<td>English as an Additional Language or Dialect</td>
<td>Food Science and Technology</td>
</tr>
<tr>
<td>French language courses</td>
<td>Health, Physical and Outdoor Education Foundation</td>
</tr>
<tr>
<td>Geography</td>
<td>Human Biological Science</td>
</tr>
<tr>
<td>German language courses</td>
<td>Integrated Science</td>
</tr>
<tr>
<td>Health Studies</td>
<td>Marine and Maritime Studies</td>
</tr>
<tr>
<td>Hebrew</td>
<td>Materials Design and Technology</td>
</tr>
<tr>
<td>Indonesian language courses</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Italian</td>
<td>Mathematics: Specialist</td>
</tr>
<tr>
<td>Japanese language courses</td>
<td>Outdoor Education</td>
</tr>
<tr>
<td>Literature</td>
<td>Physical Education Studies</td>
</tr>
<tr>
<td>Malay language courses</td>
<td>Physics</td>
</tr>
<tr>
<td>Media Production and Analysis</td>
<td>Plant Production Systems</td>
</tr>
<tr>
<td>Modern Greek</td>
<td>Psychology</td>
</tr>
<tr>
<td>Modern History</td>
<td></td>
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<tr>
<td>Music</td>
<td></td>
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<tr>
<td>Philosophy and Ethics</td>
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<tr>
<td>Politics and Law</td>
<td></td>
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<tr>
<td>Religion and Life</td>
<td></td>
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<tr>
<td>Visual Arts</td>
<td></td>
</tr>
</tbody>
</table>
Appendix B: ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES
YEAR 11 2016 (and Year 12 2017)

The following information refers to the costs charged to attend additional activities for the Year 11 and 12 education programs. Students are expected to attend and participate in the activities for their chosen courses. These additional costs are not covered in the Course Charges.

The charges listed below are an indication of the maximum parents will be required to pay for learning area activities and other general items during 2016. The teaching staff will aim to keep costs as low as possible.

Please note that unforeseen opportunities to enhance your child’s learning and understanding do occur each year. Students may be offered such opportunities for voluntary participation with consequent additional costs.

The extra cost activities have been approved by the School Board and are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Activity</th>
<th>Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Art Yr 11 ATAR:</td>
<td>Students who undertake projects that exceed their allowance are expected to pay for extra materials.</td>
<td>up to $ 30.00</td>
</tr>
<tr>
<td>Visual Art Year 12 ATAR:</td>
<td>Students who undertake projects that exceed their allowance are expected to pay for extra materials.</td>
<td>up to $ 30.00</td>
</tr>
<tr>
<td>Media Production and Analysis General and ATAR:</td>
<td>Excursion – (one per year)</td>
<td>up to $ 35.00</td>
</tr>
<tr>
<td><strong>Dance General and ATAR</strong></td>
<td>Excursion (two per year)</td>
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<tr>
<td></td>
<td>Costumes as required (per unit)</td>
<td>up to $ 30.00</td>
</tr>
<tr>
<td><strong>PHYSICAL EDUCATION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11 General Outdoor Education:</td>
<td>Semester 2 Camp</td>
<td>up to $ 50.00</td>
</tr>
<tr>
<td>Year 12 General Outdoor Education:</td>
<td>Semester 2 Camp</td>
<td>up to $180.00</td>
</tr>
<tr>
<td>Football Year 11&amp; 12 Combined</td>
<td>Semester 2 Camp</td>
<td>up to $1200.00</td>
</tr>
<tr>
<td>Netball Year 11&amp; 12 Combined</td>
<td>Semester 1 Camp</td>
<td>up to $1200.00</td>
</tr>
<tr>
<td><strong>MATHS/SCIENCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Biological Science:</td>
<td>Excursion (up to two per year)</td>
<td>each up to $ 30.00</td>
</tr>
<tr>
<td><strong>HUMANITIES AND SOCIAL SCIENCES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 11 Modern History ATAR:</td>
<td>Excursion</td>
<td>up to $ 30.00</td>
</tr>
</tbody>
</table>
GENERAL

Year 11&12 School Ball:
   Held in Term 1
   approx $120.00

Year 12 Leavers Jackets:
   Purchased in Term 1
   approx $120.00 per person

Year 12 Leavers Shirts:
   Purchased in Term 1
   approx $40.00 per person

Year 12 Leavers Breakfast:
   Held in Term 4
   approx $10.00 per person

Year 12 Presentation Evening:
   Held in Term 4
   approx $40.00 per person
Appendix C - Online Course Selection Preparation Template. Student Name:

Course selections can only be made online. This form is to assist students to prepare prior to entering his/her course selections online. Enrolled students and their parent/guardian will be notified of the process to enter the student’s course selections online.

Number preferred courses (1 to 6) and your reserve course (7) in the light grey boxes ( ) below.

All students must study an English course. It is recommended that students study a Maths course.

**ATAR (University) Pathway Students: Select at least 5 University Pathway courses.**

<table>
<thead>
<tr>
<th>Preference</th>
<th>General/VET Pathway Students must select at least one (maximum of two) VET courses.</th>
<th>ATAR (University) Pathway</th>
<th>General/VET Pathway</th>
<th>ATAR (University) Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>English General GEENG</td>
<td>Maths: Essentials General GEMAE</td>
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<tr>
<td></td>
<td>English OLNA</td>
<td>English - ATAR AEENG</td>
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<td></td>
<td>THE ARTS</td>
<td>Maths OLNA</td>
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<td></td>
<td>Dance General GEDAN</td>
<td>Maths: Applications ATAR AEMAA</td>
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<td></td>
<td>Visual Arts General GEVAR</td>
<td>Maths: Methods ATAR AEMAM</td>
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<tr>
<td></td>
<td>Design Photography GEDEP</td>
<td>Maths Specialist ATAR AEMAS</td>
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<td></td>
<td>Cert II Creative Industries</td>
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<td></td>
<td>Dance ATAR AEDAN</td>
<td>Geography General GEGEO</td>
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<td></td>
<td>Visual Arts ATAR AEVAR</td>
<td>Politics and Law General GEPAL</td>
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<td></td>
<td>Music ATAR</td>
<td>Cert II Tourism</td>
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<td></td>
<td>Media Prod &amp; Analysis – ATAR AEMPA</td>
<td></td>
<td>Geography ATAR AEGEO</td>
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<td></td>
<td>TECHNOLOGY AND ENTERPRISE</td>
<td></td>
<td>Economics ATAR AEECO</td>
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<tr>
<td></td>
<td>Building and Construction General GEBAC</td>
<td>Modern History ATAR AEHIM</td>
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<tr>
<td></td>
<td>Career and Enterprise General GECA</td>
<td></td>
<td>HEALTH AND PHYSICAL EDUCATION</td>
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<td></td>
<td>Business, Management &amp; Enterprise GEBME</td>
<td>Outdoor Education General GEOED</td>
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<td></td>
<td>Certificate II Kitchen Operations</td>
<td>Physical Education Studies General GEPED</td>
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<td></td>
<td>Certificate II Automotive Servicing</td>
<td>CERT II Sport and Recreation Netball</td>
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<td></td>
<td>Certificate II Business</td>
<td>CERT II Sport and Recreation Football</td>
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<td></td>
<td>Certificate II Info, Digital Media</td>
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<td>SCIENCE</td>
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<td></td>
<td>Engineering ATAR</td>
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<td>Chemistry: ATAR</td>
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<td>Accounting and Finance ATAR</td>
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<td>WORKPLACE LEARNING</td>
<td>Human Biology: ATAR</td>
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<td></td>
<td>Workplace learning ADWPL</td>
<td>Biology: ATAR</td>
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<td></td>
<td>External VET Course SBT</td>
<td>Physics: ATAR</td>
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