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PRINCIPAL'S MESSAGE

Dear Parents/Caregivers

Karratha Senior High School is strongly committed to having your child achieve Secondary Graduation through their successful completion of studies in Years 11 and 12. We aim for your child to be well prepared for life through education and training. It is important, therefore, that in selecting their courses your child GETS IT RIGHT to ensure successful completion of their school studies and meets the Western Australian Certificate of Education (WACE) graduation requirements.

Karratha Senior High School will offer 32 School Curriculum Standards Authority ATAR, General, Foundation and Preliminary courses as well as 20 Vocational Education and Training (VET) certificates from which students can compile their course selection to meet WACE requirements. Our aim is to provide courses that will engage your child into a relevant program that links directly to post school training, further education or employment.

I encourage you to seek as much information as you need from the school to make these important decisions. Counselling staff make use of your teachers’ recommendations based on your child’s current academic achievement and will work with you to select the program of study to meet your child’s aspirations.

You are offered a one-on-one counselling session(s) with our experienced counselling staff. Please feel very welcome to contact teachers, course counsellors, deputy principals or myself to clarify any issues.

Jennifer McMahon
PRINCIPAL
INTRODUCTION

As a parent, you play an important role in helping your child to make educational choices and career decisions. This role begins when your child is young as they watch you and others around them take part in working life.

As they grow older, you can play an even greater part in guiding their career development and fostering their optimism, enthusiasm, energy and curiosity. A lot relies on good communication.

Your child will be completing an Individual Pathway Plan during HASS classes in Term 2, Year 10. The Individual Pathway Plan will help them to explore job and career pathways and also guide them by assessing whether or not they are achieving at a level which will help them to realise their goals.

You can assist with the counselling process by discussing with your child:

- Top three hobbies
- Top three subjects
- Three things they are good at
- Three positive words to describe themselves
- Three occupations or jobs they are interested in
- Clarify their career goals
- Discuss a course to suit their needs
- Identify any obstacles they may face

1. How To Use This Guide

This guide presents a summary of Senior School pathways available in 2017 and 2018 and vital information about the WACE. It also informs you how to make appropriate course selections available in 2017 and beyond.

To help you decide which pathway is best for you, you need INFORMATION.

This handbook contains information to help students 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 Course Selection Guide, in addition to all other information available to them.

It is important when selecting some courses that attention is paid to minimum entry requirements.

Further advice and information is also available from:

- Year 11 2017 Parent and Student Information Evening – 16 June 2016
- Senior School Deputy Principal Mrs Lynn Francis
- Student Services Deputy Principal Mr Ashley Eversden
- Student Wellbeing Co-ordinator Years 10-12 Mrs Gina Martinovich

It may not be possible to timetable some courses if they are chosen by a small number of students and certain combinations may not be available where particular courses are timetabled to run at the same time.

This guide is specifically written to provide information for all students as they prepare to select or continue in a pathway of study for Senior School.
CHARGES AND CONTRIBUTIONS

All subject charges for Year 11 and 12 courses and certificates are compulsory and should be paid by the end of Term 1, 2017.

Courses and certificates which incur fees of $100.00 or more require a 50% deposit which must be paid by Friday 26 August, 2016.

Deposits not paid by the due date will result in the removal of students from the selected course or certificate. Students removed from high cost courses or certificates will need to select a replacement subject.

Payment options are available for all families. Please contact Tracey Bell, Corporate Services Manager, to arrange a payment plan.
2. Western Australian Certificate of Education (WACE)

The Western Australian Certificate of Education (WACE) is awarded to secondary school students who satisfy the standard listed below.

Achieving a WACE will signify that students have successfully met the breadth and depth requirements of the WACE and the achievement standards for the courses they choose.

To achieve a WACE in 2018, students will be required to:

- demonstrate a minimum standard of literacy and a minimum standard of numeracy based on the skills regarded as essential for individuals to meet the demands of everyday life and work in a knowledge-based economy
- complete a minimum of 20 units or equivalents as described below
- complete four or more Year 12 ATAR courses or complete a Certificate II or higher.

Breadth and depth of study

Students will complete a minimum of 20 course units or the equivalent. This requirement must include at least:

- a minimum of 10 Year 12 units or the equivalent
- two completed Year 11 English units and one pair of completed Year 12 English units
- one pair of Year 12 course units from each of List A (Arts / English / Languages / Social Sciences) and List B (Mathematics / Science / Technology).

Achievement standard requirement

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

Each course has four units – Unit 1 and Unit 2 (Year 11 units) and Unit 3 and Unit 4 (Year 12 units).

Karratha SHS requires all students to select at least one Certificate II or higher as part of their Year 11 and 12 studies.

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

- VET qualifications
  - Certificate I is equivalent to two Year 11 units
  - Certificate II is equivalent to two Year 11 and two Year 12 units
  - Certificate III or higher is equivalent to two Year 11 and four Year 12 units
- Endorsed programs – an endorsed program can replace two Year 11 units and two Year 12 units.

For unit equivalence, students may only use up to eight units of VET and endorsed programs with a maximum of four unit equivalents from endorsed programs.

Permission for a student to change courses is a school decision, however, for a student to achieve course unit credits in Year 11 after the completion of Unit 1, or at the end of Year 11 after the completion of Unit 2.

The Western Australian Statement of Student Achievement (WASSA)

A WASSA is issued to all Year 12 students who complete any study that contributes towards a WACE. It lists all courses and programs students have completed in Years 11 and 12.
3. Online Literacy and Numeracy Assessment (OLNA)

In January 2013, The Minister for Education announced students would need to demonstrate a minimum standard of literacy and numeracy to achieve their Western Australian Certificate of Education (WACE) from 2016. This followed feedback from employers and training providers about the low literacy and numeracy capabilities of some school leavers.

The implementation of an online assessment of literacy and numeracy from 2014 will provide students with opportunities to demonstrate the minimum standard.

**Demonstrating the minimum literacy and numeracy standard**

The minimum standard is Level 3 of the Australian Core Skills Framework (ACSF).

There are two ways to demonstrate the standard:
- prequalification through Year 9 NAPLAN, or
- demonstrating the minimum standard through the Online Literacy and Numeracy Assessment (OLNA).

Students who achieve Band 8 or higher in Year 9 NAPLAN Reading, Writing or Numeracy assessments will be prequalified for that component and will not be required to sit the corresponding OLNA component. For example, if a student achieves Band 8 for Reading and Writing but not for Numeracy, he/she will only be required to sit the OLNA Numeracy component of the assessment.

The OLNA is compulsory for those students who have not prequalified in one or more of the components through Year 9 NAPLAN and want to achieve the WACE.

Students will have up to six opportunities (two per year) between Year 10 and Year 12 to demonstrate the literacy and numeracy minimum standard.

**Achievement of OLNA**

Students who have achieved the literacy and/or numeracy standard select course units from the General or ATAR Pathways.

Students who have not achieved the literacy and/or numeracy standard select the Foundation Pathway which is a set program of learning.
4. Unique Student Identifier (USI)

From 1 January 2015, a Unique Student Identifier (USI) is needed for every student undertaking nationally recognised training, including students undertaking VET in Schools programs, part time TAFE, apprentices and trainees.

For students, the USI will build an online record of their nationally recognised training. This will improve students’ access to their current and future training records and streamline data exchange between students, training providers and other stakeholders.

Students must have a USI before they can be enrolled in a Certificate course. Additionally, all registered training organisations (RTOs) are required to collect and verify a USI for each student before issuing a certificate or statement of attainment. Information and help for students is on:

www.usi.gov.au

For students (parents, guardians or carers) to create a USI:
Please make sure you have one form of ID from the list below ready.

- Driver’s Licence
- Medicare Card
- Australian Passport
- Visa (with Non-Australian Passport) for international students
- Birth Certificate (Australian) *please note a Birth Certificate extract is not sufficient
- Certificate Of Registration By Descent
- Citizenship Certificate
- ImmiCard

Go to www.usi.gov.au
Click on Create your own USI

For your own records, please SCREENSHOT the page with your USI number on it and print it out. Write your USI access details (password) on this page and put it with your passport or birth certificate etc.
5. Pathways at Karratha SHS

The table below is a guide to the pathways available at Karratha SHS. It also includes the number and types of courses and / or Certificates that make up an appropriate pathway.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Pathway</th>
<th>Year 11</th>
<th>Year 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Entry to University</td>
<td>University Pathway</td>
<td>5 ATAR courses + Certificate II over 2 years (delivered by KSHS)</td>
<td>5 ATAR courses + Certificate II over 2 years (delivered by KSHS)</td>
</tr>
<tr>
<td>Alternative Entry to University</td>
<td>Combination Pathway</td>
<td>5 courses (combination of General and ATAR (max 3 ATAR)) + Certificate II over 2 years (delivered by KSHS)</td>
<td></td>
</tr>
<tr>
<td>Employment</td>
<td>VET Pathway</td>
<td>5 General Courses + Certificate II/III over 2 years</td>
<td></td>
</tr>
<tr>
<td>Apprenticeship or Traineeship</td>
<td>VET Pathway</td>
<td>5 General level courses + Certificate II/III over 2 years</td>
<td></td>
</tr>
</tbody>
</table>

Alternative Pathways

Alternative pathways are available for specific groups of students.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Pathway</th>
<th>Year 11</th>
<th>Year 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment or Further Training</td>
<td>Education Support Students</td>
<td>Up to 5 Preliminary or General Courses + Certificate II over 2 years</td>
<td></td>
</tr>
<tr>
<td>Employment or Further Training</td>
<td>Foundation Students</td>
<td>4 Foundation Courses + Certificate II over 2 years</td>
<td></td>
</tr>
</tbody>
</table>
6. Types of Courses Available in Senior School

To assist parents and students identify courses and certificates relevant to each pathway, this guide has been coloured for ease of identification. The samples below demonstrate the different pathways that courses and certificates belong to.

UNIVERSITY PATHWAY

English is a COMPULSORY Senior School Course

English ATAR
University Pathway – Leads to ATAR English in Year 12

ATAR courses can lead to students obtaining an ATAR which is used for direct entry to university. Alternate entry to university can also be achieved with a combination of ATAR, General courses and a Certificate. External examinations are compulsory.

VOCATIONAL EDUCATION & TRAINING PATHWAY

English is a COMPULSORY Senior School Course

English General
VET Pathway – Leads to General English in Year 12

The Vocational and Education Pathway (VET) must include a Certificate II

Certificate II in Engineering
Completed over Years 11 & 12

ALTERNATIVE PATHWAYS

PRELIMINARY PATHWAY (EDUCATION SUPPORT)

English is a COMPULSORY Senior School Course

Preliminary English
Preliminary Pathway

Preliminary units are specially designed for Education Support students. These can be completed over one or two years.

FOUNDATION PATHWAY

English is a COMULSORY Senior School Course

Foundation English
Foundation Pathway

The Foundation Pathway is specially designed for students who require additional assistance to reach the Literacy and Numeracy standard. The Pathway has a set number of courses and depending on the individual student’s ability, may include a Certificate course.
7. Selecting Your Senior School Pathway

When selecting your pathway, consider the following:

GOALS
If you have particular career goals your selection will be guided in part by these goals. Use the Job Guide, State Training Provider Handbooks, University Prospectus or TISC University Admission 2017 and 2018 to help decide which courses you may require. If your career goals are not clear, select a pathway that offers some flexibility, interest and a realistic chance of success. By doing this you will be in a better position to achieve your goals.

ACHIEVEMENT and ABILITY
Your teachers will discuss which subjects in their Learning Area are available and appropriate. If you are in doubt, you should discuss the matter with your Careers Counsellor, Deputy Principal or your subject teacher. All ATAR subjects have pre-requisites as listed.

INTERESTS
Some courses will appeal to you more than others. Students tend to achieve higher results if they are interested in the area of study they have chosen. Read the course descriptions carefully and where needed, ask your teachers for more information on specific courses.

EQUAL OPPORTUNITY
There are very few (if any) jobs that cannot be done equally as competently by women or men. When choosing your courses, don’t limit your choices to the “typically male” or “typically female” courses. Women make great mechanics and men make great nurses! Consider your goals, aspirations, interests, abilities and choices, and try to push aside “gender expectations”.

DESIRED FUTURE EMPLOYMENT
Your future employment will influence your choice of course and subjects. If you have no specific vocational aim, discuss the matter with your parents, teachers and subject advisor. If you are still unable to develop a particular ambition, you should decide on subjects which leave as many opportunities open to you as possible but are within the limits of your capabilities.

Remember, the best way to make your choice is ....
choose your career or a general group of careers and then
choose the courses and certificates which are most appropriate to your ability and career.

There are a number of pathways for students wishing to study at a University after Year 12.

Students who have met the pre-requisites for ATAR may choose an ATAR pathway.

All Year 11 students must select ONE Certificate Course.
### 8. Courses Offered at Karratha SHS

The lists below reflect the various categories of courses that are offered by the School Curriculum and Standards Authority. Those in **BOLD** are traditionally offered face to face at Karratha Senior High School.

List A are the Arts, Languages, and Social Sciences and List B are Mathematics, Science, and Technology.

**Students must choose at least one course from List A, one course from List B and a minimum of one Certificate.**

<table>
<thead>
<tr>
<th>ATAR LIST A</th>
<th>ATAR LIST B</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRA Drama</td>
<td>CHE Chemistry</td>
</tr>
<tr>
<td>ENG English</td>
<td>HBS Human Biological Science</td>
</tr>
<tr>
<td>GEO Geography</td>
<td>MAT Mathematics</td>
</tr>
<tr>
<td>HIM Modern History</td>
<td>MAS Mathematics: Specialist</td>
</tr>
<tr>
<td>VAR Visual Arts</td>
<td>PES Physical Education</td>
</tr>
<tr>
<td></td>
<td>PHY Physics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General List A</th>
<th>General List B</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAE Career and Enterprise</td>
<td>FST Food Science and Technology</td>
</tr>
<tr>
<td>ENG English</td>
<td>ISC Integrated Science</td>
</tr>
<tr>
<td>GEO Geography</td>
<td>MDT Materials, Design &amp; Technology</td>
</tr>
<tr>
<td>HIM Modern History</td>
<td>OED Outdoor Education</td>
</tr>
<tr>
<td>MPA Media Production and Analysis</td>
<td>PES Physical Education</td>
</tr>
<tr>
<td>VAR Visual Arts</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KSHS delivered Certificates</th>
<th>School Based Traineeships</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB20115 Certificate II in Business</td>
<td>BSB20115 Certificate II in Business</td>
</tr>
<tr>
<td>BSB30115 Certificate III in Business</td>
<td>CHC30113 Certificate III in Community Services (Childcare)</td>
</tr>
<tr>
<td>UEE22011 Certificate II in Electrotechnology</td>
<td>SIT30616 Certificate III in Hospitality</td>
</tr>
<tr>
<td>SIT20213 Certificate II in Hospitality</td>
<td>TLI21616 Certificate III in Warehousing</td>
</tr>
<tr>
<td>ICT20115 Certificate II in Information, Digital Media &amp; Technology</td>
<td></td>
</tr>
<tr>
<td>CUA20615 Certificate II in Music</td>
<td></td>
</tr>
<tr>
<td>SHB20116 Certificate II in Retail Cosmetics</td>
<td></td>
</tr>
<tr>
<td>SIS20115 Certificate II in Sport &amp; Recreation</td>
<td></td>
</tr>
<tr>
<td>ICT20213 Certificate II in Telecommunications</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TAFE delivered Certificates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AUR20712 Certificate II in Automotive</td>
<td>BSB20115 Certificate II in Business</td>
</tr>
<tr>
<td>52433WA Certificate II in Building &amp; Construction</td>
<td>CHC30113 Certificate III in Community Services (Childcare)</td>
</tr>
<tr>
<td>CHC22015 Certificate II in Community Services (Childcare)</td>
<td>SIT30616 Certificate III in Hospitality</td>
</tr>
<tr>
<td>MEM20413 Certificate II in Engineering</td>
<td>TLI21616 Certificate III in Warehousing</td>
</tr>
<tr>
<td>AHC20410 Certificate II in Horticulture</td>
<td></td>
</tr>
<tr>
<td>SHB20216 Certificate II in Salon Assistant</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Endorsed Programs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WPL Workplace Learning</td>
<td></td>
</tr>
<tr>
<td>PLYEV Youth Explorer Voyage (Leeuwin)</td>
<td></td>
</tr>
</tbody>
</table>
Courses Offered at Karratha SHS

The lists below reflect the various categories of courses that are offered by the School Curriculum and Standards Authority. Those in bold are traditionally offered face to face at Karratha Senior High School. List A are the Arts, Languages, and Social Sciences and List B are Mathematics, Science, and Technology.

Students must choose at least one course from List A, one course from List B and a minimum of one Certificate.

**ATAR LIST A**
- CAE: Career and Enterprise
- ENG: English
- GEO: Geography
- HIM: Modern History
- VAR: Visual Arts

**ATAR LIST B**
- CHE: Chemistry
- HBS: Human Biological Science
- MAT: Mathematics
- MAS: Mathematics: Specialist
- PES: Physical Education
- PHY: Physics

**General List A**
- CAE: Career and Enterprise
- ENG: English
- GEO: Geography
- HIM: Modern History
- MPA: Media Production and Analysis
- VAR: Visual Arts

**General List B**
- FST: Food Science and Technology
- ISC: Integrated Science
- MDT: Materials, Design & Technology
- OED: Outdoor Education

**KSHS delivered Certificates**
- BSB20115: Certificate II in Business
- BSB30115: Certificate III in Business
- UEE22011: Certificate II in Electrotechnology
- SIT20213: Certificate II in Hospitality
- ICT20115: Certificate II in Information, Digital Media & Technology
- CUA20615: Certificate II in Music
- SHB20116: Certificate II in Retail Cosmetics
- SIS20115: Certificate II in Sport & Recreation
- ICT20213: Certificate II in Telecommunications

**TAFE delivered Certificates**
- AUR20712: Certificate II in Automotive
- 52433WA: Certificate II in Building & Construction
- CHC22015: Certificate II in Community Services (Childcare)
- MEM20413: Certificate II in Engineering
- AHC20410: Certificate II in Horticulture
- SHB20216: Certificate II in Salon Assistant

**Endorsed Programs**
- WPL: Workplace Learning
- PLYEV: Youth Explorer Voyage (Leeuwin)

**Course Descriptions**
8.1 ENGLISH

The following diagram indicates the progression from Year 10 into Year 11 and Year 12 English Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum B grade in</td>
<td>English ATAR</td>
</tr>
<tr>
<td>English &amp; OLNA</td>
<td></td>
</tr>
<tr>
<td>standard achieved</td>
<td></td>
</tr>
<tr>
<td><strong>VET Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum C grade in</td>
<td>English General</td>
</tr>
<tr>
<td>English &amp; OLNA</td>
<td></td>
</tr>
<tr>
<td>standard achieved</td>
<td></td>
</tr>
<tr>
<td><strong>Foundation Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>OLNA standard not</td>
<td>English Foundation</td>
</tr>
<tr>
<td>achieved</td>
<td></td>
</tr>
<tr>
<td><strong>Preliminary Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>No pre-requisite</td>
<td>Preliminary English</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
English ATAR
University Pathway – Leads to English ATAR in Year 12

AEENG
Cost: $70
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 English

The ATAR English course focuses on developing students’ analytical, creative, and critical thinking and communication skills in all language modes. It encourages students to critically engage with texts from their contemporary world, with texts from the past and with texts from Australian and other cultures. Such engagement helps students develop a sense of themselves, their world and their place in it.

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 enjoy creating their own imaginative, interpretive, persuasive and analytical responses. The ATAR English course is designed to develop students’ facility with all types of texts and language modes and to foster an appreciation of the value of English for lifelong learning.

Students refine their skills across all language modes by engaging critically and creatively with texts. They learn to speak and write fluently in a range of contexts and to create a range of text forms. They hone their oral communication skills through discussion, debate and argument, in a range of formal and informal situations.

English General
VET Pathway – Leads to English General in Year 12

GEENG
Cost: $70
Pre-requisite: Minimum C grade in Year 10 English

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 General English course is designed to provide students with the skills that will empower them to succeed in a wide range of post-secondary pathways.

The course develops students’ language, literacy and literary skills to enable them to communicate successfully both orally and in writing and to enjoy and value using language for both imaginative and practical purposes.

Students comprehend, analyse, interpret and evaluate the content, structure and style of a wide variety of oral, written, multimodal, digital and media texts. Students learn how the interaction of structure, language, audience and context helps to shape how the audience makes meaning. Both independently and collaboratively, they apply their knowledge to create analytical, imaginative, interpretive and persuasive texts in different modes and media.
The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Mathematics Courses.

The grade required as a pre-requisite is a recommendation.

- **Year 10**
  - **University Pathway**
    - Minimum B grade in Maths & English. OLNA standard achieved.
  - **Mathematics Applications**
    - Minimum B grade in Maths & English. OLNA standard achieved.
  - **Mathematics Methods**
    - Minimum A grade in Maths & English. OLNA standard achieved.
  - **Mathematics Specialist**
    - (Mathematic Methods must be studied with this course)

- **VET Pathway**
  - Minimum C grade in Maths & OLNA standard achieved.

- **Foundation Pathway**
  - OLNA standard not achieved.

- **Preliminary Pathway**
  - No pre-requisites

---

### English Foundation

**Foundation Pathway – Leads to English Foundation or English General in Year 12**

**FEENG**

**Cost:** $70

**Pre-requisite:** OLNA literacy standard not achieved

Foundation English provides support for the development of functional literacy skills essential for students to meet the WACE standard of literacy.

By the end of this course, students will:

- develop skills in functional literacy, including appropriate spelling, punctuation and grammar
- develop skills in reading (understanding, comprehending, interpreting, analysing) texts for work, learning, community and/or everyday personal contexts
- develop skills in producing (constructing, creating, writing) texts for work, learning, community and/or everyday personal contexts
- develop skills in speaking and listening for work, learning, community and everyday personal contexts

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### English Preliminary

**Preliminary Pathway – Leads to English Preliminary in Year 12**

**PEENG**

**Cost:** $70

The English Preliminary course focuses on the fundamental skills that support language use. Language use plays a central role in human life: it provides a vehicle for communication and independence. Students study language through the use of receptive and expressive communication. Receptive skills can include reading, comprehending, listening and/or viewing. Expressive skills can include writing, speaking, acting, signing, gesturing and/or creating multimodal texts. The course recognises the diversity of the student population and builds on students’ knowledge of how language works and how to use language in a variety of forms and situations. An understanding of how to use language empowers students. It gives them access to knowledge, enables them to play an active part in society and contributes to their personal growth.
The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Mathematics Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum B grade in Maths &amp; English. OLNA standard achieved.</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Minimum B grade in Maths &amp; English. OLNA standard achieved.</td>
<td>Mathematics Methods</td>
</tr>
<tr>
<td>Minimum A grade in Maths &amp; English. OLNA standard achieved.</td>
<td>Mathematics Specialist (Mathematic Methods must be studied with this course)</td>
</tr>
<tr>
<td><strong>VET Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum C grade in Maths &amp; OLNA standard achieved</td>
<td>Mathematics Essential</td>
</tr>
<tr>
<td><strong>Foundation Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>OLNA standard not achieved</td>
<td>Mathematics Foundation</td>
</tr>
<tr>
<td><strong>Preliminary Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>No pre-requisites</td>
<td>Preliminary Mathematics</td>
</tr>
</tbody>
</table>
Mathematics Applications
University Pathway – Leads to Maths Applications in Year 12

AEMAA
Cost: $40
Pre-requisite: Minimum B grade in Year 10 English and Maths.

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

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

Mathematics Methods
University Pathway – Leads to Maths Methods in Year 12

AEMAM
Cost: $40
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 English and Maths.

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

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

**University Pathway – Leads to Maths Specialist in Year 12**

**AEMAS**

Cost: $40

**Pre-requisite:** Minimum A grade or B grade with teacher recommendation in Year 10 English and Maths.

This course provides opportunities, beyond those presented in the Mathematics Methods ATAR course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively. Mathematics Specialist contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods course, as well as demonstrate their application in many areas. The Mathematics Specialist course also extends understanding and knowledge of statistics and introduces the topics of vectors, complex numbers and matrices. Mathematics Specialist is the only ATAR mathematics course that should not be taken as a stand-alone course and it is recommended to be studied in conjunction with the Mathematics Methods ATAR course as preparation for entry to specialised university courses such as engineering, physical sciences and mathematics.

**Mathematics Essential**

**VET Pathway – Leads to Maths Essential in Year 12**

**GEMAE**

Cost: $40

**Pre-requisite:** Minimum C grade in Year 10 Maths.

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 following diagram indicates the progression from Year 10 into Year 11 and Year 12 Science Courses. The grade required as a pre-requisite is a recommendation.

**Year 10**

**University Pathway**
- Minimum B grade in Science & C grade in English. OLNA standard achieved.

**Human Biology ATAR**
- Minimum A grade in Science & C grade in English. OLNA standard achieved.

**Chemistry ATAR**
- Minimum A grade in Science & C grade in English. OLNA standard achieved.

**Physics ATAR**

**VET Pathway**
- Minimum C grade in Science & OLNA standard achieved.

**Integrated Science**

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### Mathematics Foundation

**Foundation Pathway – Leads to Maths Foundation or Maths Essential in Year 12**

**FEMAT**
- **Cost:** $40
- **Pre-requisite:** OLNA numeracy standard not met.

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

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### Mathematics Preliminary

**Preliminary Pathway – Leads to Maths Preliminary in Year 12**

**PEMAT**
- **Cost:** $40
- **Pre-requisite:** Nil

The Mathematics Preliminary course focuses on the practical application of knowledge, skills and understandings to a range of environments that will be accessed by students with special education needs. Grades are not assigned for these units. Student achievement is recorded as ‘completed’ or ‘not completed’. This course provides the opportunity for students to prepare for post-school options of employment and further training.
The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Science Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
</table>

**University Pathway**

- **Minimum B grade in Science & C grade in English. OLNA standard achieved.**
  - Human Biology ATAR

- **Minimum A grade in Science & C grade in English. OLNA standard achieved.**
  - Chemistry ATAR

- **Minimum A grade in Science & C grade in English. OLNA standard achieved.**
  - Physics ATAR

**VET Pathway**

- **Minimum C grade in Science & OLNA standard achieved.**
  - Integrated Science General
Human Biology ATAR
University Pathway – Leads to Human Biology in Year 12

AEHBY
Cost: $55
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 Science. Minimum C grade in Year 10 English.

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

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

Chemistry ATAR
University Pathway – Leads to Chemistry in Year 12

AECHE
Cost: $55
Pre-requisite: Minimum A grade or B grade with teacher recommendation in Year 10 Science. Minimum C grade in Year 10 English.

The Chemistry ATAR course equips students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Theories and models are used to describe, explain and make predictions about chemical systems, structures and properties. Students recognise hazards and make informed, 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.
Physics ATAR
University Pathway – Leads to Physics in Year 12

AEPHY
Cost: $55
Pre-requisite: Minimum A grade or B grade with teacher recommendation in Year 10 Science and Maths. Minimum C grade in Year 10 English.

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

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

Students selecting Physics ATAR must also select Mathematics Methods.

Integrated Science General
VET Pathway – Leads to Integrated Science in Year 12

GEISC
Cost: $55
Pre-requisite: Minimum 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.
8.4 Humanities and Social Sciences

The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Humanities and Social Sciences Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum B grade in HASS, C grade in English &amp; OLNA standard achieved</td>
<td>Modern History ATAR</td>
</tr>
<tr>
<td>Minimum B grade in HASS, C grade in English &amp; OLNA standard achieved</td>
<td>Geography ATAR</td>
</tr>
<tr>
<td><strong>VET Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum C grade in HASS &amp; OLNA standard achieved</td>
<td>Modern History General</td>
</tr>
<tr>
<td>Minimum C grade in HASS &amp; OLNA standard achieved</td>
<td>Career &amp; Enterprise General</td>
</tr>
<tr>
<td>Minimum C grade in HASS &amp; OLNA standard achieved</td>
<td>Geography General</td>
</tr>
<tr>
<td><strong>Foundation Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>OLNA standard not achieved</td>
<td>Career &amp; Enterprise Foundation</td>
</tr>
</tbody>
</table>
Modern History ATAR
University Pathway – Leads to Modern History in Year 12

AEHIM
Cost: $55
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 Humanities & Social Sciences and English.

Studying the Modern History ATAR course enables students to become critical thinkers and helps inform their judgements and actions in a rapidly changing world. Students are exposed to a variety of historical sources, including government papers, newspaper extracts, 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.

Geography ATAR
University Pathway – Leads to Geography in Year 12

AEGEO
Cost: $50
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 Humanities & Social Sciences and English.

The Geography ATAR course provides a structured 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. The course aims to develop students’ understanding and application of the concepts of time, place, space, environment and interconnections. It also encourages the students to identify, evaluate and justify alternative responses to the geographical challenges facing humanity, and propose and justify actions, taking into account environmental, social and economic factors.

The Year 11 syllabus is divided into two units.

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.
Modern History General
VET Pathway – Leads to Modern History in Year 12

GEHIM
Cost: $55
Pre-requisite: Minimum C grade in Year 10 Humanities and Social Sciences.

The Modern History General course promotes skills of research, hypothesis testing and analysis of information as students engage with investigations. They are encouraged to question and evaluate historical sources; to identify the various representations and versions of history. History provides insights into the present and gives students opportunities to reflect on the significance of past events, people, beliefs and ideas. They are encouraged to use the evidence from sources to formulate and support their own interpretations and to communicate their findings in a variety of ways. Students will focus on Local History and Modern Japan in Year 11. The study of history ensures that they gain essential knowledge of the past – its legacy and heritage.

Career and Enterprise General
VET Pathway – Leads to Career & Enterprise in Year 12

GECAE
Cost: $80
Pre-requisite: Minimum C grade in Year 10 Humanities and Social Sciences.

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 uses 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.

Geography General
VET Pathway – Leads to Geography in Year 12

GEGEO
Cost: $50
Pre-requisite: Minimum C grade in Year 10 Humanities and Social Sciences.

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.
Career & Enterprise Foundation
Foundation Pathway – Leads to Career & Enterprise Foundation or Career & Enterprise General in Year 12

PECAE
Cost: $80
Pre-requisite: OLNA not achieved

Career education involves learning to manage and take responsibility for personal career development. The Career and Enterprise Foundation course involves recognising one’s individual skills and talents, and using this understanding to assist in gaining and keeping work. The development of a range of work skills and an understanding of the nature of work are significant aspects of this course. Literacy and numeracy enriching strategies are heavily embedded in the Career and Enterprise Foundation course.
**8.5 Health and Physical Education**

The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Health and Physical Education Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>Physical Education Studies ATAR</td>
</tr>
<tr>
<td>Minimum B grade in HPE and Science. OLNA standard achieved</td>
<td></td>
</tr>
<tr>
<td><strong>VET Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>Physical Education Studies</td>
</tr>
<tr>
<td>Minimum C grade in HPE &amp; OLNA standard achieved</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outdoor Education Studies</td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td></td>
</tr>
<tr>
<td>Minimum C grade in HPE &amp; OLNA standard achieved</td>
<td></td>
</tr>
<tr>
<td><strong>Foundation Pathway</strong></td>
<td></td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>Health, Physical &amp; Outdoor Education</td>
</tr>
<tr>
<td>OLNA standard not achieved</td>
<td></td>
</tr>
</tbody>
</table>
**Physical Education Studies ATAR**

*University Pathway – Leads to Physical Education Studies ATAR in Year 12*

**AEPES**

**Cost:** $100 (50% deposit required)

**Pre-requisite:** Minimum B grade or C grade with teacher recommendation in Year 10 Physical Education and Science.

This course covers a range of sports science topics. Knowledge is gained through both theoretical and practical experiences. The course time is divided between the theoretical 70% and practical 30%. For this reason physical prowess alone will not be sufficient for success in this course.

Students will be required to actively participate in all modules of the course to the best of their ability. Practical modules selected for each class will be dependent upon the specific expertise of the teacher and resources and facilities available to the class.

**Content covered:**
- Functional anatomy
- Exercise physiology
- Biomechanics
- Motor Learning and Coaching
- Sports Psychology
- Developing skills, strategies and tactics
- Practical sports may include volleyball and badminton

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**Physical Education Studies General**

*VET Pathway – Leads to Physical Education Studies in Year 12*

**GEPES**

**Cost:** $100 (50% deposit required)

**Pre-requisite:** Minimum C grade in Year 10 Physical Education

This course covers a range of sports science topics. Knowledge is gained through both theoretical and practical experiences. The course time is divided between the theoretical 50% and practical 50%.

Students will be required to actively participate in all modules of the course to the best of their ability. Practical modules selected for each class will be dependent upon the specific expertise of the teacher and resources and facilities available to the class.

**Content covered:**
- Functional anatomy
- Exercise physiology
- Biomechanics
- Motor Learning and Coaching
- Sports Psychology
- Developing skills, strategies and tactics
- Practical sports may include volleyball and netball
Outdoor Education General
VET Pathway – Leads to Outdoor Education in Year 12

GEOED
Cost: $250 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 Outdoor Education or Physical Education and the ability to swim 300m continuously in open water.

The focus of this course is experiencing the outdoors, building confidence in the outdoors and outdoor leadership. The course offers the opportunity to safely engage in a range of outdoor activities that pose challenges and encourage students to step outside their comfort zone. These include:

- Mountain Biking
- Kayaking
- Stand Up Paddle Boarding
- Snorkelling

Students will also:
- Develop self-awareness, personal skills, interpersonal and leadership skills
- Develop risk management strategies and basic first aid skills
- Develop environmental awareness, including minimal impact and students are invited to acknowledge their relationship with nature.

Students are required to attend 2 overnight expeditions and 1 day excursion during which they will be assessed on the course outcomes. Where a student cannot attend an expedition or excursion a medical note will be required.

Health, Physical & Outdoor Education Foundation
Foundation Pathway – Leads to Health, Physical & Outdoor Education Foundation in Year 12

FEHPO
Cost: $100 (50% deposit required)
Pre-requisite: OLNA not achieved

The course focuses on providing students with opportunities to develop skills and understandings related to a healthy lifestyle. This course is for students who have not demonstrated the numeracy standard in the OLNA. Through the development of health literacy, students are better equipped to make appropriate and well informed health related decisions and to develop knowledge, understanding and skills which support them to make a positive contribution to the health and wellbeing of themselves and others.

Students will learn about the factors influencing health, wellbeing and physical activity participation, and develop strategies to support them to make health enhancing decisions and adopt active and healthy pursuits, now and across their lifespan. The course supports the development of students’ literacy and numeracy skills and provides them with opportunities to study in contexts such as health promotion, outdoor adventure activities and improving performance in individual and team games and sports.
8.6 The Arts

The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Arts Courses.

*The grade required as a pre-requisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Pathway</strong></td>
<td></td>
</tr>
</tbody>
</table>
| **Drama**  
Minimum B grade in Drama and English. OLNA standard achieved | Drama ATAR |
| **Visual Art**  
Minimum B grade in Visual Art and English. OLNA standard achieved | Visual Art ATAR |
| **VET Pathway** |
| **English**  
Minimum C grade in English & OLNA standard achieved | Media Production and Analysis General |
| **Visual Art**  
Minimum C grade in Visual Art or English. OLNA standard achieved | Visual Art General |
Drama ATAR
University Pathway – Leads to Drama ATAR in Year 12

AEDRA
Cost: $70
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 Drama and English.

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

Students work includes production and design aspects involving directing, scenography, costumes, props, promotional materials and sound and lighting. Students use new technologies such as digital sound and multimedia. They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings. The focus is on both individual and ensemble performance, as well as roles of actor, director, scenographer, lighting designer, sound designer, costume designer and dramaturge.

Visual Art ATAR
University Pathway – Leads to Visual Art ATAR in Year 12

AEVAR
Cost: $115 (50% deposit required)
Pre-requisite: Minimum B grade or C grade with teacher recommendation in Year 10 English and Maths.

In the Visual Arts ATAR course, students engage in traditional, modern and contemporary media and techniques within the broad areas of art forms. The course promotes innovative practice. Students are encouraged to explore and represent their ideas and gain an awareness of the role that artists and designers play in reflecting, challenging and shaping societal values. The Visual Arts ATAR course allows students to develop aesthetic understandings and a critical awareness to appreciate and make informed evaluations of art through their engagement of their own art practice and the work of others.
Media Production and Analysis General
VET Pathway – Leads to Media Production and Analysis in Year 12

GEMPA
Cost: $115 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.

The Media Production and Analysis course aims to prepare all students for a future in a
digital and interconnected world. Students will have the opportunity to explore Digital
Photography and Video in both units of work:

Unit 1 – students will reflect on their own use of media, common representations,
including the examination of characters, stars and stereotypes and the way media is
constructed and produced. Students create media productions of their own and have the
choice of using film, radio or photography to create their productions.

Unit 2 – students will analyse media work and construct a point of view in their own
productions. Students have the opportunity to choose from a range of media genres and
styles and examine ways in which information and specific codes, conventions and
techniques are selected and used to present a particular point of view. Students create
media productions of their own and have the choice of using film, radio or photography to
create their productions.

Visual Art General
VET Pathway – Leads to Visual Art in Year 12

GEVAR
Cost: $115 (50% deposit required)
Pre-requisite: Minimum C grade in Visual Art and English

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.
8.7 Technology and Enterprise

The following diagram indicates the progression from Year 10 into Year 11 and Year 12 Technology and Enterprise Courses.

*The grade required as a prerequisite is a recommendation.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11/12</th>
</tr>
</thead>
</table>
| Technology & Enterprise  
*Minimum C grade in English and Maths. OLNA standard achieved* | Material Design and Technology – Metals General |
| Technology & Enterprise  
*Minimum C grade in English and Maths. OLNA standard achieved* | Material Design and Technology – Wood General |
| Technology & Enterprise  
*Minimum C grade in English & OLNA standard achieved* | Children, Family & the Community General |
| Technology & Enterprise  
*Minimum C grade in English & OLNA standard achieved* | Food Science & Technology General |

Material Design and Technology – Metals General  
VET Pathway – Leads to Materials Design and Technology – Metals in Year 12  
GEMDTM  
Cost: $120  
(50% deposit required)  
Pre-requisite:  
Minimum C grade in Year 10 English.  
The Materials, Design and Technology course is an excellent introduction to developing valuable skills for personal development or pursuing a trade qualification. The course is about designing metal products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material / cost lists and production procedures. Throughout this process, the students will be encouraged to generate their own ideas through research of existing productions, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment using various tools and machinery.

Material Design and Technology – Wood General  
VET Pathway – Leads to Materials Design and Technology – Wood in Year 12  
GEMTDW  
Cost: $120  
(50% deposit required)  
Pre-requisite:  
Minimum C grade in Year 10 English.  
The Materials, Design and Technology course is an excellent introduction to developing valuable skills for personal development or pursuing a trade qualification. The course is about designing wood products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material / costing lists and production procedures. Throughout this process, the students will be encouraged to generate their own ideas through research of existing productions, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment using various tools and machinery.
Material Design and Technology – Metals General
VET Pathway – Leads to Materials Design and Technology – Metals in Year 12

GEMDTM
Cost: $120 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.

The Materials, Design and Technology course is an excellent introduction to developing valuable skills for personal development or pursuing a trade qualification. The course is about designing metal products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material / costing lists and production procedures.

Throughout this process, the students will be encouraged to generate their own ideas through research of existing productions, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment using various tools and machinery.

Material Design and Technology – Wood General
VET Pathway – Leads to Materials Design and Technology – Wood in Year 12

GEMTDW
Cost: $120 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.

The Materials, Design and Technology course is an excellent introduction to developing valuable skills for personal development or pursuing a trade qualification. The course is about designing wood products in the classroom and making them in the workshop. They will investigate concepts related to the design of products, research concept development and learn various forms of working drawings, material / costing lists and production procedures.

Throughout this process, the students will be encouraged to generate their own ideas through research of existing productions, the processes involved and material suitability to the product. They will develop IT skills in the classroom and practical skills within the workshop environment using various tools and machinery.
**Children, Family and the Community General**

**VET Pathway – Leads to Children, Family and the Community in Year 12**

**GECFC**

**Cost:** $80

**Pre-requisite:** Minimum C grade in Year 10 English.

All about you! This course is about developing a range of important life skills while you negotiate the challenges of adolescence. This course assists you in learning these basic life skills. Personal issues and relationships with parents and peers are explored.

Students will also learn about the many contemporary issues affecting their lives. The modern world of a teenager can be a very isolated and stressful place. This course will give you strategies to deal with outside and internal pressures.

Topics covered include: Personal development, food and healthy eating, families and friends, communication skills, contemporary issues (body image, relationships, drugs, family breakdown etc.).

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**Food Science and Technology General**

**VET Pathway – Leads to Food Science and Technology in Year 12**

**GEFST**

**Cost:** $150 (50% deposit required)

**Pre-requisite:** Minimum C grade in Year 10 English.

This course provides opportunities for students to explore and develop food related interests and skills. Students will investigate how individuals select food based on customs, beliefs, lifestyle, budget, availability and adolescent trends and habits.

They will consider the importance of food labelling and packaging requirements for consumer protection. Students will develop an understanding of the function of nutrients in the body and apply nutritional concepts promoting healthy eating. Poor dietary decisions will be investigated, along with adapting recipes for special diets and the presentation of healthy meals and snacks.

Students will use a wide range of food to demonstrate processing techniques and a variety of mise-en-place and precision cutting skills while ensuring safe food handling practices.
9. Vocational Education & Training Pathways

What is VET in School?

The *VET in Schools* programs provide the opportunity for your child to gain a nationally recognised qualification, while at school. Programs are offered in Years 11 and 12 and qualifications are available from a range of industries.

The VET system and the education system are distinct but complementary. The VET sector is industry driven allowing industry to indicate the skills and knowledge needed and the qualifications are linked to job roles. VET is lined up to identify industry skill requirements and skill shortage areas.

Students can gain training for their career while still at school by undertaking a VET qualification. Among the range of VET programs on offer are school-based apprenticeships and traineeships.

VET at Karratha SHS involves students studying a Certificate which is offered through the school in a variety of industry areas, through partnerships the school has with North Regional TAFE and private Registered Training Organisations.

**Students enrolled in a VET pathway can achieve:**

- WACE
- Nationally recognised qualifications
- A range of Nationally Recognised Competency Standards.

A VET pathway offers many post school options. VET can give the edge for apprenticeships, traineeships and employment. Competency Standards completed while at school will gain Advanced Standing in State Training Colleges or other Registered Training Organisations when applying for further study options. VET also contributes towards university entry, especially for alternate entry to university.
# VET Certificate Pathways

This diagram indicates the progression from Year 10 into Years 11 and 12 Certificates that are available for VET Pathways in 2017.

*The grade required as a prerequisite is a recommendation only.*

<table>
<thead>
<tr>
<th>Year 10</th>
<th>Years 11 and 12</th>
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</thead>
<tbody>
<tr>
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<tr>
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<td>Certificate II in Sport and Recreation</td>
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<td>Certificate II in Telecommunications</td>
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<td>Certificate II in Community Services (Childcare)</td>
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<td>Certificate II in Engineering</td>
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<tr>
<td>Certificate II in Salon Assistant</td>
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</tbody>
</table>

Historically students enrolled in these Certificates are very successful in gaining employment.

School Based Traineeships
Separate application and interview required.
This diagram indicates the progression from Year 10 into Years 11 and 12 Certificates that are available for VET Pathways in 2017. The grade required as a prerequisite is a recommendation only.

Minimum C grade in English and Maths. OLNA standard achieved

Certificate II in Business
Certificate III in Early Childhood and Education
Certificate III in Hospitality
Certificate II in Warehousing Operations (Transport & Logistics)

VET delivered at Karratha Senior High School

BSB20115
Certificate II in Business Services
VET Pathway – Studied over 2 years

C2BUS
Cost: $60
Pre-requisite: Minimum C grade in Year 10 English.

Certificate II in Business offers successful graduates the opportunity to open the door to a variety of exciting careers including, but not limited to: Retail, banking, data processing, human resources and office administration.

This qualification will provide students with the practical skills and knowledge to provide customer service, undertake simple computing tasks and provide basic administrative support in a business environment.

Students will learn a range of skills including: Communication in the workplace, producing simple business documents, creating spreadsheets, understanding budgets and working in a business environment. The following units will be assessed for competency:

- BSBCMM101: Apply basic communication skills
- BSBIND201: Work effectively in a business environment
- BSBINN201: Contribute to workplace innovation
- BSBITU201: Produce simple word processed documents
- BSBITU202: Create and use spreadsheets
- BSBSTM201: Identify suitability for a micro business
- BSBSUS201: Participate in environmentally sustainable work practice
- BSBWHS201: Contribute to health and safety of self and others
- BSBWOR202: Organise and complete daily work activities
- BSBWOR203: Work effectively with others
- BSBWOR204: Use business technology
- HLTAID003: Provide first aid

Historically students enrolled in these Certificates are very successful in gaining employment.

School Based Traineeships
Separate application and interview required

Minimum C grade in English and Maths. OLNA standard achieved

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- BSBWOR203: Work effectively with others
- BSBWOR204: Use business technology
- HLTAID003: Provide first aid

Historically students enrolled in these Certificates are very successful in gaining employment.
BSB30115
Certificate III in Business
VET Pathway – Studied over 2 years

C3BUS
Cost: $60
Pre-requisite: Minimum B grade in Year 10 English.

This qualification will help you to develop skills in customer service, financial processes, resource co-ordination and workplace effectiveness. You will also learn to create documents, databases, spreadsheets and presentations, as well as how to organise your work priorities and identify opportunities for personal development.

The skills you learn in this course will benefit you in almost any industry, they are general business skills that can be applied anywhere. You will benefit in the following ways:

- You will gain valuable knowledge to start your career.
- You will build on existing knowledge and gain understanding and skills in business.

Units of competence to be studied are yet to be determined.

UEE22011
Certificate II in Electrotechnology
VET Pathway – Studied over 2 years

C2EL
Cost: $150 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English and Maths.

Certificate II in Electrotechnology will provide students with the practical skills and knowledge to work safely in an electrotechnology environment, solve problems in multiple d.c. circuits and extra low voltage single path circuits. Students develop skills that will enable them to identify the required components/materials and use routine equipment, plant or technology. Certificate II Electrotechnology gives students aspiring for an electrical apprenticeship a hands on experience in a state of the art workshop working with tools that are used as an electrician in the field.

There is a minimum Mathematics requirement for students to be successful in this course. Students selecting this Certificate must also select Mathematics Applications ATAR.

The following units will be assessed for competency:

- UEEEEE101A Apply Occupational Health Safety regulations, codes and practices in the workplace
- UEEEEE101A Assemble electronic components
- UEEEEE102A Select electronic components for assembly
- UEEEEE038B Participate in development and follow a personal competency development plan
- UEEEEE102A Fabricate, dismantle, assemble of utilities industry components
- UEEEEE103A Solve problems in ELV single path circuits
- UEEEEE137A Document and apply measures to control OHS risks associated with electrotechnology work
BSB30115
Certificate III in Business
VET Pathway – Studied over 2 years
C3BUS
Cost: $60
Pre-requisite: Minimum B grade in Year 10 English.
This qualification will help you to develop skills in customer service, financial processes, resource coordination and workplace effectiveness. You will also learn to create documents, databases, spreadsheets and presentations, as well as how to organise your work priorities and identify opportunities for personal development.
The skills you learn in this course will benefit you in almost any industry, they are general business skills that can be applied anywhere. You will benefit in the following ways:
• You will gain valuable knowledge to start your career.
• You will build on existing knowledge and gain understanding and skills in business.
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- UEEENEEE038B Participate in development and follow a personal competency development plan
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- UEEENEEE103A Solve problems in ELV single path circuits
- UEEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work
- UEEENEEK142A Apply environmental and sustainable procedures in the energy sector
- HLTAID001 Provide Cardio Pulmonary Resuscitation
- CPCCOHS1001A Work safely in the construction industry
- UEEENEE105A Fix and secure electrotechnology equipment
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEE148A Carry out routine work activities in an energy sector environment
- UEEENEE179A Identify and select components, accessories and materials for energy sector work activities

SIT20213
Certificate II in Hospitality
VET Pathway – Studied over 2 years
C2HO
Cost: $200 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.
Get your kitchen skills to top notch level with this qualification. Units include preparing and presenting food for buffets, preparing, cooking and serving a range of hot and cold foods, maintaining supplies, cleaning, quality control, hygiene, safety in the workplace, effective communication and more. Skilled hospitality staff are in high demand in Australia and around the world.
This qualification provides a pathway to work in various hospitality settings, such as restaurants, hotels, motels, catering operations, cafes and coffee shops or continuation of study within the Hospitality sector. The following units will be assessed for competency:
- BSBWOR203B Work effectively with others
- SITHIND201 Source and use information on the hospitality industry
- SITHIND202 Use hospitality skills effectively
- SITXCCS202 Interact with customers
- SITXCOM201 Show social and cultural sensitivity
- SITWXHS101 Participate in safe work practices
- SITXFAS101 Use hygienic practices for food safety
- SITHPAT301 Prepare cakes
- SITHFAB203 Prepare and serve non-alcoholic beverages
- SITHFAB204 Prepare and serve espresso coffee
- SITHFAB201 Provide responsible service of alcohol
- SITHCCC103 Prepare sandwiches
ICT20115
Certificate II in Information, Digital Media & Technology
VET Pathway – Studied over 2 years

C2IDM
Cost: $60
Pre-requisite: Minimum C grade in Year 10 English.

This qualification provides the knowledge and experience in using information technology (ICT) and a range of digital media to enable effective use of computer devices at home, school and business/work environments. The course investigates a range of ways of assisting in effective communication and problem solving with computer devices and software.

During the two years of study students will have an opportunity to work with a range of digital file formats and software applications including Word, Excel, Publisher, Photoshop, Flash animation, Crazy Talk 7 Pro as well as selected web based applications.

Whether you are pursuing a career in an Information Technology industry, or just want additional computer skills to complement your future studies and/or career this is the course for you.

Units of competence to be studied are yet to be determined.

CUA20615
Certificate II in Music Industry
VET Pathway – Studied over 2 years

C2MUS
Cost: $100 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.

This qualification reflects the role of individuals who perform a range of mainly routine tasks in the music industry, work under direct supervision, and use limited practical skills and fundamental operational knowledge in a defined context. The following units will be assessed for competency:

BSBWHS201 Contribute to health and safety of self and others
BSBWOR203 Work effectively with others
CUAIND201 Develop and apply creative arts industry knowledge
CUAMCP201 Incorporate technology into music making
CUAMPF102 Develop ensemble skills to perform simple musical parts
CUAMPF201 Play or sing simple musical pieces
CUAMPF204 Play or sing music from simple written notation
CUASOU201 Develop basic audio skills and knowledge

Students will be required to purchase the specified make-up kit.
SHB20116
Certificate II in Retail Cosmetics
VET Pathway – Studied over 2 years

C2RC
Cost: $150 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English.

This qualification reflects the role of retail sales personnel involved in a defined range of tasks to sell and demonstrate beauty or cosmetic products. They follow known routines and procedures and work under direct supervision.

This qualification provides a pathway to work as a retail sales consultant in any business that sells beauty or cosmetic products and services. This can include beauty and hairdressing salons, retail outlets and department stores. The following units will be assessed for competency:

- BSBWHS201 Contribute to health and safety of self and others
- SHBBCCS001 Advise on beauty products and services
- SHBBMUP002 Design and apply make up
- SHBXCCS001 Conduct salon financial transactions
- SHBXCCS004 Recommend products and services
- SHBXIND001 Comply with organizational requirements within a personal services environment
- SHBXIND002 Communicate as part of a salon team
- SIRRMER001 Produce visual merchandise displays
- SIRXIND003 Organise personal work requirements
- SIRXSL001 Sell to the retail customer
- BSBSUS201 Participate in environmentally sustainable work practices
- ICTWEB201 Use social media tools for collaboration and engagement
- SHBBMUP001 Apply eyelash extensions
- SHBBRES001 Research and apply beauty industry information
- SIRRRMER001 Produce visual merchandise displays

Students will be required to purchase the specified make-up kit.
SIS20115
Certificate II in Sport and Recreation
VET Pathway – Studied over 2 years

C2SR
Cost: $150 (50% deposit required)

Pre-requisite: Minimum C grade in Year 10 Physical Education and English.

Students studying this course will complete a nationally accredited certificate and will have the opportunity to take on leadership roles throughout the two years of the course.

This course includes:

- Working effectively in the sport, fitness and recreation industry
- Maintaining sport, fitness and recreation industry knowledge
- Organising and completing daily work activities
- Providing first aid
- Responding to emergency situations
- Leading groups in basic warm ups and cool downs
- Teaching fundamental basketball skills, tactics and game strategies

Various sports are used in the practical sessions to support the above units, students will need to be prepared to be active participants. The following units will be assessed for competency:

- BSBWOR202 Organise and complete daily work activities
- HLTAID003 Provide first aid
- HLTWHS001 Participate in workplace health and safety
- SISSSB201A Teach fundamental basketball skills
- SISSSB202A Teach fundamental basketball tactics and game strategy
- SISSSPT303A Conduct basic warm-up and cool-down programs
- SISXCAI001 Provide equipment for activities
- SISXCAI002 Assist with activity sessions
- SISXCCS001 Provide quality service
- SISXEMR001 Respond to emergency situations
- SISXFAC001 Maintain equipment for activities
- SISXIND001 Work effectively in sport, fitness and recreation environments
- SISXIND002 Maintain sport, fitness and recreation industry knowledge

ICT20315
Certificate II in Telecommunications
VET Pathway – Studied over 2 years

C2TEL
Cost: $150 (50% deposit required)

Pre-requisite: Minimum C grade in Year 10 English and Maths

With the onset of the National Broadband Network, Australia’s demand for Telecommunications technicians is to grow exponentially over the coming years. Now is the time to prepare to work in this exciting industry.

This Certificate is made up of 11 key units designed to give students an experience in each facet of a technical industry. Students will also gain a formal cabling registration (Licence) strengthening their position when looking for employment in their chosen career on completion of Year 12.

What industries or job specifications will this qualification cover?

- Telecommunication Technician
- Telephone installations
- Computer network installations
- Optical Fibre installations (NBN)
- Home cabling systems
- IP networks including wireless connectivity
- Audio / Video Technician
- Satellite installations
- Antenna Installations
- Home Theatre installations
- Audio / Video distribution
- Electronic Security Technician
- Security alarm installations
- CCTV installations
- Access control systems
- Home automation systems

The following units will be assessed for competency:

- BSBSUS201 Participate in environmentally sustainable work practice
- ICTTEN201 Use Electrical Skills in Telecommunications Work
- ICTTEN202 Use hand and power tools
- ICTCBL201 Install Customer Cable support systems
- ICTRFN201 Install a satellite antenna
- ICTRFN202 Install a terrestrial antenna
- ICTWOR201 Work effectively in telecommunications technology
- ICTCBL236 Install, maintain and modify customer premises communications cabling: ACMA Restricted Rule
- ICTWHS202 Work safely in a radio frequency electromagnetic radiation environment
- ICTWHS203 Work safely near power infrastructure
- HLTAID001 Provide cardiopulmonary resuscitation
- HLTAID003 Provide first aid
ICT20315
Certificate II in Telecommunications
VET Pathway – Studied over 2 years

C2TEL
Cost: $150 (50% deposit required)
Pre-requisite: Minimum C grade in Year 10 English and Maths

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The following units will be assessed for competency:

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<td>Use Electrical Skills in Telecommunications Work</td>
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<td>ICTTEN202</td>
<td>Use hand and power tools</td>
</tr>
<tr>
<td>ICTTEN207</td>
<td>Install and test internet protocol devices in convergence networks</td>
</tr>
<tr>
<td>ICTWHS204</td>
<td>Follow work health and safety and environmental policy and procedures</td>
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<tr>
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<td>Work effectively in telecommunications technology</td>
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<tr>
<td>ICTCBL206</td>
<td>Alter services to existing cable system</td>
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<tr>
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<td>ICTWOR2141A</td>
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Delivered through the North Regional TAFE (Karratha Campus)
Block release - students need to catch-up on school work

AUR20712
Certificate II in Automotive Vocational Preparation
VET Pathway – Studied over 2 years

C2AUT
Cost: $50
Pre-requisite: Minimum C grade in Year 10 English and Maths.

By the time you’ve finished this qualification, you’ll know your radiator from your regulator and be in a good position to get yourself an apprenticeship in mechanics.
Units covered include: Servicing engine systems, using and maintaining testing and measuring devices, using and maintaining tools and equipment, workplace safety and much more.

Automotive apprentices and pre-apprentices at TAFE enjoy access to hundreds of thousands of dollars-worth of equipment to train on, including vehicles, specialised automotive repair and diagnostic equipment, and specialised workrooms and workshops.
With dedicated industry-experienced lecturers, state-of-the-art facilities, and the latest equipment and technology, you can be assured you will learn the latest techniques and skills that are industry relevant.

52433WA
Certificate II in Building & Construction (Pathway-Trades)
VET Pathway – Studied over 2 years

C2BC
Cost: $50
Pre-requisite: Minimum C grade in Year 10 English and Maths.

Use your communication skills and basic mathematic skills along with a desire to make things and work outdoors, a career in the building and construction industry offers excellent career prospects. Give yourself the best chance of knowing whether a job in building and construction is for you.

This qualification will provide you with the practical skills and knowledge to undertake a range of manual labouring tasks and operate machinery on construction sites. You will learn about safe work practices, using equipment and tools and effective communication. You will also learn skills that will enable you to read plans, take measurements, lay and repair concrete surfaces, drain sites, spread and compact materials manually, assist in excavation, control construction traffic, and organise your work. The outcome will depend on the elective units selected.
### CHC22015
**Certificate II in Community Services** *(Childcare electives)*

VET Pathway – Studied over 2 years

<table>
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<tr>
<td>C2CS</td>
<td>Certificate II in Community Services (Childcare electives)</td>
</tr>
</tbody>
</table>

**Cost:** $50  
**Pre-requisite:** Minimum C grade in Year 10 English.

This qualification may be used as a pathway for entry as community services workers in the field of Children’s Services.

This qualification may provide an appropriate pathway into higher level qualifications such as the Certificate III in Community Services in: Aged care, children’s services, disability care, early childhood education, social work or youth work.

**Students selecting this certificate must also select Workplace Learning.**

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### MEM20413
**Certificate II in Engineering**

VET Pathway – Studied over 2 years

<table>
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<tr>
<td>C2ENG</td>
<td>Certificate II in Engineering</td>
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</table>

**Cost:** $50  
**Pre-requisite:** Minimum C grade in Year 10 English and Maths.

Certificate II in Engineering is customised to suit local industry needs and is part of the Metals and Engineering Training Package.

Learn how to cut, shape, join and finish metal to make metal structures and products. This qualification – the ideal way to set yourself up to gain an apprenticeship – will teach you to use tools, measure and calculate, draw and interpret sketches, cut metal, join metal and much more.

Areas of work include: Manual Metal Arc Welding, Gas Metal Arc welding, Brazing, Silver Soldering, Oxy-Acetylene Cutting, Turning and Milling. Students complete Units of Competency at school and on block release at North Regional TAFE, Karratha Campus. The TAFE workshops are well equipped and some of the equipment that is available for student use is: Surface plates and vernier height gauges for marking out, metal lathes, vertical milling machines, arc welders, MIG welders, TIG welder, oxy-acetylene sets, plasma cutting machine, bench drills and a wide assortment of hand and power tools.

This qualification provides entry level training for students seeking employment as Metal Fabricators (Boilermakers) or Welders fitting, assembling and joining aluminium, steel and other metals. Metal Fabricators and Welders manufacture, assemble and maintain Mining Structures, Heavy Transport and Earth Moving Equipment, Bridge Building, Engineering Components, Building Structures, Refineries, Oil-Rigs, Storage Vessels, Shipbuilding and Agricultural Equipment.
AHC20410
Certificate II In Horticulture
VET Pathway – Studied over 2 years

C2HOR
Cost: $50
Pre-requisite: Minimum C grade in Year 10 English.

This qualification will provide you with the practical skills and knowledge to undertake a broad range of tasks in gardening, nursery work and landscaping. The essential units are designed to develop your generic workplace skills which are highly valued by employers.

You will learn:
- Skills in safe handling of pesticides
- Skills in propagation, tending nursery plants, planting, pruning, treating weeds, pests and diseases, maintaining garden beds and irrigation
- Using a range of horticultural equipment.

Successful completion of the Certificate II in Horticulture will equip students for employment positions such as nursery assistant, nursery worker, assistant to groundkeeper and assistant to horticulturalist.

SHB20216
Certificate II in Salon Assistant
VET Pathway – Studied over 2 years

C2SA
Cost: $50
Pre-requisite: Minimum C grade in Year 10 English and Maths.

This qualification will provide students with the skills and knowledge to support professional hairdressers to carry out a range of salon services.

Duties include greeting clients, scheduling appointments, designing and applying makeup, head, neck and shoulder massage, drying hair to shape and salon safety. Students will also learn to sell products and services and develop hairdressing industry knowledge.
**School Based Traineeships**

**BSB20115**  
*Certificate II in Business*  
VET Pathway – Studied over 2 years as a School Based Traineeship

**C2BUS**  
Cost: $50  
**Pre-requisite:** Minimum C grade in Year 10 English.

This Certificate enables students to develop knowledge of fundamental business practices. Students will gain skills and training to use essential business technology and systems. Students gain an understanding of workplace procedures, including workplace health and safety processes, record keeping, monitoring and maintaining resource usage, customer service, communicating in the workplace and skills to write business documents, including databases, spreadsheets and presentations. Students will be able to organise work priorities and identify opportunities for personal development. Administrative skills are developed by involvement in real tasks and a simulated work environment and students are encouraged to become self-motivated and independent learners.

Students will complete units of competency which the employer selects specifically for the workplace.

**Students selecting this certificate must also select Workplace Learning.**

Students are employees and on the payroll with the employer, therefore students will need to complete an additional application form followed by an interview.

**CHC30113**  
*Certificate III in Early Childhood Education & Care*  
VET Pathway – Studied over 2 years as a School Based Traineeship

**C3ECE**  
Cost: $50  
**Pre-requisite:** Minimum C grade in Year 10 English and Maths.

In this Certificate students learn everything they need to know about child development to be able to provide quality, professional care to children aged 0 to 12 years. Students learn to adapt to the ever-changing needs of individuals and families in a culturally sensitive way. Skills are acquired to provide position nurturing environment, offering programs that challenge children to develop their intellectual, physical and social skills.

The Certificate combines classroom instruction and workplace learning in a child care centre to equip students with a solid foundation in the essential competencies required to work as a centre-based care giver. Students will use organisational policies, procedures and individual children’s profiles to plan activities and provide care for children, facilitate their leisure and play and enable them to achieve their developmental outcomes. Students are trained to work as a childcare assistant, family day care carer or nanny.
Students will complete units of competency which the employer selects specifically for the workplace.

**Students selecting this certificate must also select Workplace Learning.**

Students are employees and on the payroll with the employer, therefore students will need to complete an additional application form followed by an interview.

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**SIT30616**  
**Certificate III in Hospitality**  
VET Pathway – Studied over 2 years as a School Based Traineeship

**C3HOS**  
**Cost:** $50  
**Pre-requisite:** Minimum C grade in Year 10 English and Maths.

The Certificate III in Hospitality course offers practical, hands on learning to understand the fundamental skills and knowledge required to work in the Hospitality industry. The certificate covers a wide range of fun topics including food safety, customer service, complaint handling, health and safety, cultural awareness, housekeeping and leadership.

Students will complete units of competency which the employer selects specifically for the workplace.

**Students selecting this certificate must also select Workplace Learning.**

Students are employees and on the payroll with the employer, therefore students will need to complete an additional application form followed by an interview.

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**TLI21616**  
**Certificate II in Warehousing Operations (Transport & Logistics)**  
VET Pathway – Studied over 2 years as a School Based Traineeship

**C2WO**  
**Cost:** $50  
**Pre-requisite:** Minimum C grade in Year 10 English.

The Certificate II in Warehousing Operations will help you develop skills in areas such as load and stock handling, customer service, team work, quality, safety, communication, understanding workplace documents and calculations and records management. This is an excellent starting point for the Transport and Logistics industries, which is an expanding and growth employment area.

The value of completing this course goes beyond the development of your individual skills to include benefits to you in the workplace. These benefits include:

- OHS practices
- Understanding of transport and logistics industry
- Understanding of stock systems
- Customer service
- Packaging processes

Students will complete units of competency which the employer selects specifically for the workplace.

**Students selecting this certificate must also select Workplace Learning.**

Students are employees and on the payroll with the employer, therefore students will need to complete an additional application form followed by an interview.
Endorsed Programs

Endorsed programs address areas of learning not covered by WACE courses. Examples include workplace learning, Leeuwin Voyage, Cadets WA, performance in school productions and independently administered examinations in music, speech and drama. These programs can be delivered in a variety of settings by schools, community organisations, universities, training organisations and workplaces.

Endorsed programs may replace up to two Year 11 course units and two Year 12 course units you need to achieve your WACE. You should discuss endorsed program opportunities with your Course Counsellor.

Proof of completion and certification of qualifications gained out of school must be submitted to the Deputy Principal of Years 10-12.

Workplace Learning
VET Pathway – Leads to Workplace Learning in Year 12

ADWPL
Cost: $65
Pre-requisite: Nil

Workplace Learning provides an opportunity for students to demonstrate and develop increasing competence in the core skills for work. Students will learn to apply and adopt the workplace skills that are necessary to understand and carry out different types of work that play a key role in lifelong learning.

This program is based on the skills, knowledge and understandings that underpin successful participation in work, through addressing:

- Navigating the world of work
- Interacting with others
- Getting the work done

Students must meet workplace hours and maintain an attendance record of a minimum 90%.

Students will participate in a variety of workplaces for 35 weeks based on their vocational interests.

Students are required to find their own work placements and be available for interviews.
10. Tertiary Entrance Requirements

ENTRY TO UNIVERSITY

All students intending to apply for university entry should view the following websites and contact the universities directly:

www.tisc.edu.au
UWA  www.study.uwa.edu.au/ or Admissions Centre on 6488 2477
Murdoch www.murdoch.edu.au/Future-students/ or the Student Centre on 9360 6491
Curtin  http://futurestudents.curtin.edu.au/ or the Support Centre on 9266 1000
ECU  www.ecu.edu.au/future-students/ or 134 328
Notre Dame  www.nd.edu.au or 9433 0533

To apply for admission to a university, you will need to select at least four courses in Year 12 with an external WACE examination (Stage 2 or Stage 3 courses.)

The Year 11 courses are essential background and you should have achieved above average grades (e.g. a B grade) in your Year 10 subjects to do these.

Be guided by teacher recommendations when selecting courses as these are based on what you have shown you can do.

It should not be about what you think you can do – it is about what you have shown you can do.

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

- meet the requirements for the Western Australian Certificate of Education (WACE) as prescribed by the Schools Curriculum and Standard Authority;
- achieve competence in English as prescribed by the individual universities;
- obtain a sufficiently high Australian Tertiary Admission Rank (ATAR) for entry to a particular university and/or course (Edith Cowan University may not require an ATAR for some pathways); and
- satisfy any prerequisites or special requirements for entry to particular courses.

Portfolio Pathway to Edith Cowan University (ECU)

In addition to the requirements outlined above, ECU offers an additional pathway for entry by school leaver students.

Detailed information about the requirements for the Portfolio Entry Pathway to ECU may be obtained from Student Recruitment on 13 43 28 or www.reachyourpotential.com.au.

Portfolio Entry to Murdoch University - In addition to the requirements outlined above, Murdoch University offers a portfolio pathway for admission to Bachelor degrees in Media, Mass Communication and in Digital Media. For more information see http://www.murdoch.edu.au/.
11. Australian Tertiary Academic Ranking (ATAR)

ATAR is the basis for admission to most university courses. You are ranked in order of merit based on your ATAR, which ranges between zero and 99.95. It reports your rank relative to all other WA students of school leaving age and takes into account the number of students with a Tertiary Entrance Aggregate (TEA) and the number of people of school leaving age in the WA population. An ATAR of 75.00 indicates that you have an overall rating equal to or better than 75% of the school leaving age population in Western Australia. The ATAR is calculated using scaled marks in courses.

All ATAR course results will be scaled to ensure fairness to all students.

The ATAR is derived from the Tertiary Entrance Aggregate (TEA). The TEA, which is out of 400, is calculated by adding the best four scaled scores in your courses. No course can be counted more than once.

In calculating the scaled score, equal weight is given to the final school score and the final examination score, except where courses are taken as a private candidate.

For further information see the TISC website at www.tisc.wa.edu.au.

Students who wish to apply to a university on completion of Year 12 need to be aware of a great deal of information.

Students are strongly encouraged to contact the relevant university, making sure they are aware of all aspects of eligibility and the application process.

Students may also wish to consider courses offered in other states by contacting the universities directly to find out admission requirements.
12. Gaining Admission to University from a TAFE

An Australian Tertiary Admissions Rank (ATAR) is not the only means of entry to university in Western Australia. TAFEs can be your stepping stone to a university education. A significant number of TAFE graduates gain admission to Australian universities each year. TAFE graduates need to apply through the Tertiary Institutions Services Centre (TISC) for admission to the public universities. Visit www.tisc.edu.au.

Apply directly to the University of Notre Dame Australia for admission.

(NB: Alternate Entry Programs are reviewed annually)

<table>
<thead>
<tr>
<th>University</th>
<th>Minimum Entry Requirement</th>
<th>Contact Information (Universities Admissions Centres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curtin University of Technology</td>
<td>Certificate IV and separate evidence of English competence.</td>
<td>University Admission Centre: Telephone (08) 9266 1000 Fax (08) 9266 4108 Email <a href="mailto:admissions@curtin.edu.au">admissions@curtin.edu.au</a> Website <a href="http://www.prospective.curtin.edu.au">www.prospective.curtin.edu.au</a></td>
</tr>
<tr>
<td></td>
<td>In many instances a diploma and subject prerequisites are recommended.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>For further information on relevant prerequisite requirements check online for the Curtin University handbook.</td>
<td></td>
</tr>
<tr>
<td>Edith Cowan University</td>
<td>Certificate IV in an appropriate discipline as determined by ECU. English language competence.</td>
<td>Student Recruitment and Careers Student Services Centre: Telephone 134328 Email: <a href="mailto:enquiries@ecu.edu.au">enquiries@ecu.edu.au</a> Website: <a href="http://www.reachyourpotential.com.au">www.reachyourpotential.com.au</a></td>
</tr>
<tr>
<td>Murdoch University</td>
<td>Certificate IV</td>
<td>Prospective Students’ &amp; Admission Centre: Telephone 1300MURDOCH Facsimile (08) 9360 6491 Email: <a href="mailto:admissions@murdoch.edu.au">admissions@murdoch.edu.au</a> Website: <a href="http://www.murdoch.edu.au">www.murdoch.edu.au</a></td>
</tr>
<tr>
<td>University of Notre Dame Australia</td>
<td>Certificate IV and English language competence.</td>
<td>Admissions Office: Telephone (08) 9433 0537 Facsimile (08) 9433 0555 Email: <a href="mailto:admissions@nd.edu.au">admissions@nd.edu.au</a> Website <a href="http://www.nd.edu.au">www.nd.edu.au</a></td>
</tr>
<tr>
<td>University of Western Australia</td>
<td>Diploma, English language competence and subject prerequisites. Contact UWA directly to discuss your options.</td>
<td>Admissions Centre: Telephone (08) 6488 2477 Country Callers 1800 653 050 Facsimile (08) 6488 1226 Email: <a href="mailto:study@uwa.edu.au">study@uwa.edu.au</a> Website: <a href="http://www.studyat.uwa.edu.au">www.studyat.uwa.edu.au</a></td>
</tr>
</tbody>
</table>
13. Training and Further Education (TAFE)

TAFEs offer courses for vocational education and training, apprenticeships and traineeships, support for workplace learning and courses for business and industry.

To gain entry into a TAFE applicants need to meet the entrance requirements for the chosen course. Where a course is deemed to be competitive, applicants are required to meet both the entrance requirements and selection criteria. Selection criteria will focus on secondary education achievement, skill development, previous qualifications and workplace learning (paid or unpaid).

Students who are interested in applying for TAFE courses are strongly advised to access the latest information from www.trainingwa.wa.gov.au.

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

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

Phone: 13 23 98 or 1800 999 167  
Email: career.centre@dtwd.wa.gov.au  
Web: www.trainingwa.wa.gov.au/careercentre

APPRENTICESHIPS AND TRAINEESHIPS  
Students can begin a training qualification in Years 11 and 12 at the same time as completing WACE through Certificates, School Based Apprenticeships or School Based Traineeships.

Apprenticeships and traineeships combine practical experience at work with structured training that leads to a nationally recognised qualification.

If students are interested in technical trades such as bricklaying or cabinet making, then they would consider an apprenticeship. Traineeships are usually in non-trade areas such as hospitality, business, manufacturing and health.

SCHOOL BASED APPRENTICESHIPS  
School based apprenticeships allow students in Senior School to start an apprenticeship while still at school. Students enter into a legal binding contract between the employer, the student and parent/guardian to complete the apprenticeship.

Apprentices enter into a contract with an employer who teaches all aspects of a trade. Apprenticeships are structured programs where students learn on the job and attend training at a State Training college or another registered training provider.

SCHOOL BASED TRAINEESHIPS  
School based traineeships allow students in Senior School to develop skills and get paid while they prepare for a career in the workforce. Students work towards WACE and an industry recognised qualification.

Trainees enter into a contract with an employer in order to gain hands-on skills and work experience while earning a wage.
14. Important Information for Senior School

Students will receive the Senior Secondary Student Assessment Policy and a calendar of important dates at the start of 2017.

PRINTOUT OF RESULTS

A Statement of Results will be issued by the Schools Curriculum and Standard Authority to all students who complete at least one course unit or endorsed program in their final year of schooling. This records:
- grades achieved in course units
- examination result, school result and WACE score for each course
- achievement of VET units of competency and VET qualifications
- achievement of endorsed programs
- completion of WACE requirements
- achievement of Schools Curriculum and Standard Authority English Language Competence
- coverage of breadth of study requirements
- Schools Curriculum and Standard Authority awards.

APPEALS AND GRIEVANCES

Appeals Against the Process
If a student believes the grade or the numerical school assessment awarded is incorrect, they may ask the school to review the assessment. Students are required to make written application, requesting a review, within five days of the release of assessments to students by the school. An assessment review does not require that the school re-mark a student’s work. It is intended to determine whether:
- the weightings specified by the school in its assessment program conform with Schools Curriculum and Standard Authority guidelines
- assessment procedures conform with the school's stated assessment program
- there are any computational or clerical errors in determining the assessment.

A teacher’s judgement about the worth of individual assessment tasks will not be subject to review.
If, after an assessment review has been completed at the school, a student still believes that the Schools Curriculum and Standard Authority assessment guidelines were not followed then the student may lodge an appeal with the Schools Curriculum and Standard Authority. The appeal is made on the prescribed form, available from the school or the Schools Curriculum and Standard Authority, and forwarded to the Schools Curriculum and Standard Authority by a specified date each year. Students pay a fee when an appeal is made.

The Schools Curriculum and Standard Authority will request a school to re-determine assessments only if the school did not follow the Schools Curriculum and Standard Authority assessment guidelines.

Appeals Against a Teacher Assessment
The grounds for appeal are:
- whether competency has been achieved and it's demonstrated it was made incorrectly
- assessment was not made in accordance with the assessment plan.

The appeal forms are available from the Senior School Deputy and Year Coordinator and must be lodged within 10 days of the date of the assessment.

Grievances
Grievances in relations to teachers, treatment of students, matters of equity and social justice should be documented in writing and delivered to the Principal. Upon receipt of grievances and appeals, a panel of three, consisting of either the Principal, Senior School Deputy, Year Coordinator or Student Services Coordinator will be convened to deal with the grievance/appeal between the students and teacher.
**Mutual Recognition**

Karratha SHS will recognise all Certification or Statements of Attainment issued by another RTO and align the relevant competencies to the student’s current training program. Students need to contact the VET Program Coordinator to initiate this process.

**Recognised Prior Learning**

Skills recognition enables students to gain recognition for knowledge, skills and attitudes acquired formally or informally outside the school. You should apply to the VET Coordinator to commence this process.

Upon application, a student is able to enter into Recognition of Prior Learning (RPL) to determine skills in currency attained by the student with the aim of achieving skills pertaining to a particular course of training. An application form is available from the school VET office.

**Privacy and Access to Student Records**

Karratha SHS is committed to maintaining the privacy of student, teachers and stakeholder information. Each student’s right to privacy, dignity and confidentiality in all aspects pertaining to their course/training will be recognised, respected and protected.

Confidentiality is assured for problems that may arise during study or training. If there is a need to record any information aligned to the welfare or personal aspect arena, a confidential acknowledgement will be made on the documentation and it will be retained in a locked location.

With the exception of Registered Training Organisations and Schools Curriculum and Standard Authority, confidential information and records will not be disclosed to a third party without the signed permission of the student.

Students have the right to inspect their course/training or confidential file upon request. Karratha SHS reserves the right to be given adequate notice to present the requested files.

**Flexible Learning & Assessment**

Karratha SHS will ensure that the learning and assessment strategies designed for a course/training are suitable. If a student believes there may be an obstacle that affects their capacity to comply with course expectations/requirements they should approach their teacher, VET Program Coordinator, Year Coordinator and/or the Senior School Deputy as soon as possible. We encourage all students to discuss any concerns regarding learning and assessment requirements with their teacher. In cases where there is a need for a specific training/assessment plan, these will be developed in conjunction with the student.

**Literacy & Numeracy**

Karratha SHS is committed to supporting students in the development of literacy and numeracy with existing strategies in place to support students. If a student is concerned about their English language or numeracy competence and is experiencing difficulty completing their course/training, they should discuss this with their teacher or VET Coordinator. Processes will be put in place upon in the event that a need is shown.

**Access & Equity**

All students will have fair access to training and assessment with equal rights applied. Karratha SHS assures all students that the relevant government legislation is strictly adhered to and that the diverse needs of students are identified and addressed. If you have any concerns about your rights to access and equity issues, contact the Year Coordinator or Senior School Deputy Principal.
15. Career and Education Websites

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

**Apprenticeships and Traineeships**

**Australian Defence Force Academy**
www.defencejobs.gov.au

**Australia wide job search**
www.jobsearch.gov.au

**Career, employment, training information in Western Australia**

**Career research**
www.careersonline.com.au

**Curtin University**
www.curtin.edu.au

**Edith Cowan University**
www.ecu.edu.au

**Job Resources Australia**
www.youth.gov.au

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

**My Future**
www.myfuture.edu.au

**Training WA (State Training providers course information)**
www.trainingwa.wa.gov.au

**Tertiary Institutions Services Centre**
www.tisc.edu.au

**University of Notre Dame**
www.nd.edu.au

**University of Western Australia**
www.uwa.edu.au

**Vacancies Australia wide**
www.seek.com.au

**Western Australian Government** (go to 'Education and Training')
www.wa.gov.au
My 2017 Course Selections
My 2017 Course Selections
My 2017 Course Selections