

Year 11

**Course Selection
Guide**

2018



Towards Tomorrow

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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 offers a variety of School Curriculum Standards Authority ATAR, General, Foundation and Preliminary courses as well as 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 their post school goals and aspirations, including training, further education or employment.

I encourage you to seek as much information as you need from the school to make these important decisions. You and your child are invited to one-on-one counselling with our trained staff. We will work with you to select the program of study to meet your child's aspirations.

Please feel very welcome to contact teachers, course counsellors, Deputy Principals or myself to clarify any issues.



Jennifer McMahon
PRINCIPAL

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, 2018.

Courses and certificates which incur fees of \$100.00 or more require a 50% deposit which must be paid by Friday **25 August, 2017.**

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 2019, 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 an endorsed program 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 taking into consideration WACE requirements and Education Department guidelines.

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 the students 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.

Destination	Pathway	Year 11	Year 12
Direct Entry to University	University Pathway	5 ATAR courses + Certificate II or III over 2 years	
Alternative Entry to University	Combination	5 courses (combination of ATAR and General) (max 3 ATAR, must include ATAR English)	
	VET & University Pathway	+ Certificate II or III over 2 years	
Further Training (eg; TAFE)	Combination	5 courses (combination of ATAR and General) (can be max 3 ATAR, must include English and Maths, at least General level)	
	TAFE	+ Certificate II or III over 2 years	
Employment, Apprenticeship or Traineeship	VET Pathway	5 General Courses + Certificate II/III over 2 years	

Alternative Pathways

Alternative pathways are available for specific groups of students.

Destination	Pathway	Year 11	Year 12
Employment or Further Training	Education Support Students	Up to 5 Preliminary or General Courses + Certificate II over 2 years	
Employment or Further Training	Foundation Students	4 Foundation Courses + Certificate II over 2 years	

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 Pathways

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 **COMPULSORY** 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 2018 and 2019 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 to 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.

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.

ATAR LIST A		ATAR LIST B	
DRA	Drama	BIO	Biology
ENG	English	CHE	Chemistry
GEO	Geography	HBS	Human Biological Science
HIM	Modern History	MAT	Mathematics
VAR	Visual Arts	MAS	Mathematics: Specialist
		PES	Physical Education
		PHY	Physics
General List A		General List B	
CAE	Career and Enterprise	FST	Food Science and Technology
ENG	English	ISC	Integrated Science
GEO	Geography	MDT	Materials, Design & Technology
HIM	Modern History	OED	Outdoor Education
MPA	Media Production and Analysis	PES	Physical Education
VAR	Visual Arts		
KSHS delivered Certificates			
Certificate II in Business Certificate III in Business Certificate II in Electronic Assembly Certificate II in Hospitality Certificate II in Information, Digital Media & Technology Certificate II in Music Certificate II in Retail Cosmetics Certificate II in Sport & Recreation Certificate II in Telecommunications Certificate II in Automotive Servicing and Technology Certificate II in Building & Construction Certificate II in Community Services Certificate II in Engineering Pathways Certificate II in Horticulture			
Alternative Programs			
SUN Starting Uni Now - Central Queensland University Program			

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.

Year 10	Years 11/12
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University Pathway

<i>Minimum B grade in English & OLNA standard achieved</i>	English ATAR
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VET Pathway

<i>Minimum C grade in English & OLNA standard achieved</i>	English General
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Preliminary Pathway

<i>No pre-requisite</i>	Preliminary English
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Foundation Pathway

<i>OLNA standard not achieved</i>	English Foundation
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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.

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.

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

8.2 MATHEMATICS

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	Years 11/12
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University Pathway

<i>Minimum A grade in Maths & B grade in English. OLNA standard achieved.</i>	Mathematics Methods
<i>Minimum B grade in Maths & English. OLNA standard achieved.</i>	Mathematics Applications
<i>Minimum A grade in Maths & English. OLNA standard achieved.</i>	Mathematics Specialist <i>(Mathematic Methods must be studied with this course)</i>

VET Pathway

<i>Minimum C grade in Maths & OLNA standard achieved</i>	Mathematics Essential
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Preliminary Pathway

<i>No pre-requisites</i>	Preliminary Mathematics
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Foundation Pathway

<i>OLNA standard not achieved</i>	Mathematics Foundation
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Mathematics Methods

University Pathway – Leads to Maths Methods in Year 12

AEMAM

Cost: \$40

Pre-requisite: Minimum A grade or B 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 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 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.

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.

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.

8.3 Science

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	Years 11/12
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University Pathway

<i>Minimum B grade in Science & C grade in English. OLNA standard achieved.</i>	Human Biology ATAR
<i>Minimum B grade in Science & C grade in English. OLNA standard achieved.</i>	Biology ATAR
<i>Minimum A grade in Science & C grade in English. OLNA standard achieved.</i>	Chemistry ATAR
<i>Minimum A grade in Science & C grade in English. OLNA standard achieved.</i>	Physics ATAR

VET Pathway

<i>Minimum C grade in Science & OLNA standard achieved.</i>	Integrated Science General
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Biology ATAR

University Pathway – Leads to Biology in Year 12

AEBIO

Cost: \$55

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

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

Students develop practical skills through investigations and fieldwork in authentic contexts. Scientific evidence is used to make informed decisions about controversial topics.

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.

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.

Year 10	Years 11/12
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University Pathway

<i>Minimum B grade in HASS, C grade in English & OLNA standard achieved</i>	Modern History ATAR
<i>Minimum B grade in HASS, C grade in English & OLNA standard achieved</i>	Geography ATAR

VET Pathway

<i>Minimum C grade in HASS & OLNA standard achieved</i>	Modern History General
<i>Minimum C grade in HASS & OLNA standard achieved</i>	Career & Enterprise General
<i>Minimum C grade in HASS & OLNA standard achieved</i>	Geography General

Foundation Pathway

<i>OLNA standard not achieved</i>	Career & Enterprise Foundation
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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 & 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.

Year 10	Years 11/12
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University Pathway

Health and Physical Education <i>Minimum B grade in HPE and Science. OLNA standard achieved</i>	Physical Education Studies ATAR
Health and Physical Education <i>Minimum B grade in HPE. OLNA standard achieved</i>	Health Studies ATAR

VET Pathway

Health and Physical Education <i>Minimum C grade in HPE & OLNA standard achieved</i>	Physical Education Studies
Health and Physical Education <i>Minimum C grade in HPE & OLNA standard achieved</i>	Health Studies
Health and Physical Education <i>Minimum C grade in HPE & OLNA standard achieved</i>	Outdoor Education Studies

Foundation Pathway

Health and Physical Education <i>OLNA standard not achieved</i>	Health, Physical & Outdoor Education
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Physical Education Studies ATAR

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

AEPEPES

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

Health Studies ATAR

University Pathway – Leads to Health Studies ATAR in Year 12

AEHEA

Cost: \$55

Pre-requisite: Minimum B grade in Year 10 Health Education.

The Health Studies ATAR course focuses on the study of health as a dynamic quality of human life. Students undertaking this course develop the knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health.

This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments

Content covered:

- Social, environmental, economic and biomedical determinants of health.
- The influence of beliefs, attitudes and values on health behaviour,
- The importance of self-management and interpersonal skills in making healthy decisions.
- Health Promotion and Prevention

Physical Education Studies General

VET Pathway – Leads to Physical Education Studies in Year 12

GEPEP

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

Health Studies General

VET Pathway – Leads to Health Studies in Year 12

GEHEA

Cost: \$55

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

The Health Studies General course focuses on personal health and wellbeing, what it means to be healthy and the many factors which influence health.

This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments.

Content covered:

- Relationships between beliefs, attitudes, values and health behaviours
- Social and Cultural Norms
- Self-Management and Interpersonal Skills
- Inquiry Skills
- Current Health Issues
- Health Prevention
- Coping Skills

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 impac..

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.

Year 10	Years 11/12
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University Pathway

Drama <i>Minimum B grade in Drama and English. OLN standard achieved</i>	Drama ATAR
Visual Art <i>Minimum B grade in Visual Art and English. OLN standard achieved</i>	Visual Art ATAR

VET Pathway

English <i>Minimum C grade in Media or English. OLN standard achieved</i>	Media Production and Analysis General
Visual Art <i>Minimum C grade in Visual Art or English. OLN standard achieved</i>	Visual Art General
Drama <i>Minimum C grade in Drama or English. OLN standard achieved</i>	Drama General

Drama ATAR

University Pathway – Leads to Drama ATAR in Year 12

AEDRA

Cost: \$70

Pre-requisite: *Minimum B grade in Drama and English. OLN standard achieved*

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 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 in Drama and English. OLN standard achieved*

In the Visual Art 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 Art 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 or Media.

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, sound 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, sound 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 or English

In the Visual Art 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.

Drama General

VET Pathway – Leads to Drama in Year 12

GEDRA

Cost: \$70 (50% deposit required)

Pre-requisite: Minimum C grade in Visual Art or English

The Drama General course focuses on aesthetic understanding and drama in practice as students integrate their knowledge and skills. They use the elements and conventions of drama to develop and present ideas and explore personal and cultural issues. They engage in drama processes, such as improvisation, play building, text interpretation, playwriting and dramaturgy which allow them to create original drama and interpret a range of texts written or devised by others. The work in this course includes production and design aspects involving sets, costumes, makeup, props, promotional materials, stage management, front- of-house activities, and sound and lighting. Students will work independently and collaboratively, showing initiative and demonstrating leadership and interpersonal skills.

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.

Year 10	Years 11/12
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VET Pathway

Technology & Enterprise <i>Minimum C grade in English and Maths. OLN standard achieved</i>	Material Design and Technology – Metals General
Technology & Enterprise <i>Minimum C grade in English and Maths. OLN standard achieved</i>	Material Design and Technology – Wood General
Technology & Enterprise <i>Minimum C grade in English & OLN standard achieved</i>	Children, Family & the Community General
Technology & Enterprise <i>Minimum C grade in English & OLN standard achieved</i>	Food Science & Technology General

Material Design and Technology – Metals General **VET Pathway – Leads to Material Design and Technology – Metals** **in Year 12**

GEMDTM

Cost: \$120 (50% deposit required)

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

The Material 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 Material Design and Technology – Wood** **in Year 12**

GEMTDW

Cost: \$120 (50% deposit required)

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

The Material 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.).

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* program provides 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.

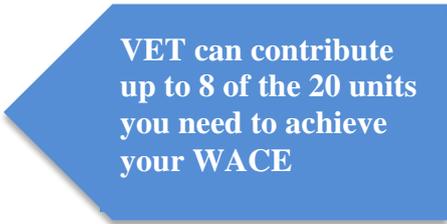
The VET system and the education system are distinct but complementary. The VET sector is industry driven allowing industry to indicate the skills and knowledge needed and the qualifications are linked to job roles. VET is lined up to identify industry skill requirements and skill shortage areas.

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 II or higher, 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.



**VET can contribute
up to 8 of the 20 units
you need to achieve
your WACE**

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 and OLNA achievement required as a prerequisite is a recommendation only.

Year 10	Years 11 and 12
<p><i>OLNA standard achieved.</i></p> <p><i>Minimum C grade in English and Maths.</i></p>	Certificate II in Business
	Certificate III in Business
	Certificate II in Electronic Assembly
	Certificate II in Hospitality
	Certificate II in Information, Digital Media & Technology
	Certificate II in Music
	Certificate II in Retail Cosmetics
	Certificate II in Sport and Recreation
	Certificate II in Telecommunications
	Certificate II in Automotive Servicing Technology
	Certificate II in Building & Construction
	Certificate II/III in Community Services
	Certificate II in Engineering Pathways
Certificate II Conservation and Land Management	

BSB20115
Certificate II in Business
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. 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: Additional costs will be incurred

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, spread sheets 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.

UEE22011
Certificate II in Electronic Assembly
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 Electronic Assembly will provide students with the practical skills and knowledge to work safely in an electrical 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 Electronic Assembly 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.

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.

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.

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.

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.

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.

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

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 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
VET Pathway – Studied over 2 years

C2CS

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, Nursing, Education Assistant or Aboriginal Islander Education Officer.

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, Allied Health Social Work or Youth Work.

Students selecting this certificate must also select Workplace Learning.

MEM20413
Certificate II in Engineering Pathways
VET Pathway – Studied over 2 years

C2ENG**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.

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 verier 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 Conservation and Land Management
VET Pathway – Studied over 2 years

C2CALM**Cost:** \$50**Pre-requisite:** Minimum C grade in Year 10 English.

This qualification will provide you with the practical skills and knowledge to assist with a range of tasks to maintain and restore natural and cultural places and farmland.

You will also be able to choose from a range of subjects which include working with plants and animals, construction and maintenance, using machinery and equipment, and managing resources. You will be able to focus your studies in different areas which include conservation earthworks, Indigenous land management, lands, parks and wildlife, natural area restoration and management, weed management and vertebrate pest management.

Successful completion of this qualification provides you with the opportunity to gain entry level assistant positions with environmental agencies.

Starting Uni Now (SUN) CQU

Alternative Entry to University Pathway – Studied over 2 years

Do you want a head start with study and your future career? Do you want to further challenge yourself in your final years of school? Are you a high achieving student? Are you self-motivated and can manage your own time effectively?

Start Uni Now (SUN) is a CQUniversity initiative that allows students in Year 10, 11 and 12 to study CQUniversity units whilst still in high school. A 'unit' is the word used to describe something similar to your school subjects.

You can enrol in a range of CQUniversity units, either on-campus (face-to-face) or by distance education (online), and combine them with your regular high school work. See www.cqu.edu.au for more information.

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.

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.

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 Alternative Admission to University

An Australian Tertiary Admissions Rank (ATAR) is not the only means of entry to university in Western Australia. All Universities have alternative pathways. Students should check the university websites for specific details.

13. Training and Further Education

TAFE and private training organisations 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.

Phone: 13 23 98 or 1800 999 167

Email: career.centre@dtwd.wa.gov.au

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

www.northregionaltafe.wa.edu.au/courses/study-types/vet-in-schools

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 2018.

PRINTOUT OF RESULTS

A Statement of Results will be issued by the School 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 School Curriculum and Standard Authority assessment guidelines were not followed then the student may lodge an appeal with the School Curriculum and Standard Authority. The appeal is made on the prescribed form, available from the school or the School Curriculum and Standard Authority, and forwarded to the School Curriculum and Standard Authority by a specified date each year. Students pay a fee when an appeal is made.

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

Apprenticeships and Traineeships

www.trainingwa.wa.gov.au/apprenticentre

Australian Defence Force Academy

www.defencejobs.gov.au

Australia wide job search

www.jobsearch.gov.au

Career, employment, training information in Western Australia

www.trainingwa.wa.gov.au/careercentre

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

Skills Road

www.skillsroad.com.au/home → [www.skillsroad.com.au/my-account/my-careers-quiz-\(1\)](http://www.skillsroad.com.au/my-account/my-careers-quiz-(1)) → www.skillsroad.com.au/students/job-fit-test

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 2018 Course Selections:

Questions I want to ask:

KARRATHA SENIOR HIGH SCHOOL

Senior School Administration
Tel – 08 9187 8000 Fax – 08 9187 8045