



KATANNING
SENIOR HIGH SCHOOL

2025

Senior School
Course Information
Handbook



KATANNING
SENIOR HIGH SCHOOL

School Motto:

We Strive To Excel

Our vision:

Excellence in Teaching, Learning and Leadership

Moral Purpose:

We work together to enable success for all students

MESSAGE FROM THE PRINCIPAL

The Senior School Course Information Handbook contains information you need to know about the Western Australian Certificate of Education (WACE) in preparation for Year 11 and Year 12.

There are now four pathways:

ATAR	at least four ATAR courses of the six courses chosen
GENERAL / VET Training (VET)	any combination of General, ATAR and Vocational Education
FOUNDATION	category 1 OLNA students

This booklet contains information on:

- Pathways
- Courses and Course Units
- Vocational Education and Training
- Endorsed Programs

It is important that students receive course counselling from the school's counselling staff and we encourage parents and carers to attend the course selection meeting. Counselling staff make use of teachers' recommendations based on the student's academic records.

I would encourage parents and carers to seek as much information as they can from the school to help make these choices. Do not hesitate to contact staff if you have questions as choosing the courses is an important decision.

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LIST OF ACRONYMS

The acronyms listed below are used throughout this document:

ATAR	Australian Tertiary Admission Rank
CaLD	Culturally and Linguistically Diverse
CoS	Courses of Study
ESL	English as a Second Language
HASS	Humanities and Social Sciences
MESH	English, Humanities and Social Sciences, Mathematics and Science,
NAPLAN	National Assessment Program in Literacy and Numeracy
OLNA	Online Literacy and Numeracy Assessment
PPE	Personal Protective Equipment
SBT	School Based Traineeship
SIDE	School of Isolated and Distance Education
TISC	Tertiary Institute and Services Centre
VET	Vocational Education and Training
WACE	Western Australian Certificate of Education.
WASSA	Western Australian Statement of Student Achievement
WPL	Work Place Learning

This publication is an information document. Every effort has been made to ensure that the information is correct at the time of publication, 25 November 2024.

WACE REQUIREMENTS

1

General requirements

You must:

- demonstrate a minimum standard of literacy (reading and writing) and a minimum standard of numeracy
- complete a minimum of 20 units, or equivalents
- complete
 - at least four Year 12 ATAR courses **OR**
 - at least five Year 12 General courses and/or ATAR courses or equivalent **OR**
 - a Certificate II (or higher) VET qualification in combination with ATAR, General or Foundation courses.

2

Literacy and numeracy standard

For the WACE literacy and numeracy standard you may:

- pre-qualify through achieving Band 8 or higher in the reading, writing and numeracy tests of the Year 9 National Assessment Program – Literacy and Numeracy (NAPLAN), or;
- demonstrate the minimum standard of literacy and numeracy by successfully completing the relevant components of the Online Literacy and Numeracy Assessment (OLNA) in Year 10, 11 or 12.

3

Breadth and depth

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

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

4

Achievement standard

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

5

Unit equivalents

Unit equivalents can be obtained through VET qualifications and/or endorsed programs. The maximum number of unit equivalents available through VET and endorsed programs is four Year 11 units and four Year 12 units with a maximum of four units with endorsed programs – two in Year 11 and two in Year 12.

SENIOR SCHOOL PATHWAYS

ATAR Studies Pathway (Inspire)

ATAR is the highest level of study offered in WA secondary schools and students taking these courses will achieve an Australian Tertiary Admissions Rank (ATAR) which is used to determine eligibility for university entrance. Students studying ATAR courses will sit external examinations at the end of Year 12.

We will offer the following ATAR subjects:

- ATAR English
 - ATAR Chemistry
 - ATAR Geography
- OR
- ATAR Human Biology
 - ATAR Mathematics Applications
 - ATAR Modern History

To be eligible for the ATAR Pathway, students should have achieved Band 8 or higher in NAPLAN in Year 9 or passed the Online Literacy and Numeracy Assessments in Year 10 and be averaging a B grade or higher in Mathematics, English, Science, Humanities and Social Science.

Students on this pathway will typically study:

ATAR electives may be a combination of face-to-face as well as online through School of Distance and Isolated Education (SIDE).

Year 11	Year 12
ATAR English	ATAR English
ATAR Elective	ATAR Elective
ATAR Elective	ATAR Elective
ATAR Elective	ATAR Elective
ATAR Elective	ATAR Elective
General Course	General Course

The information contained within this book is correct at the time of printing (Term 3).

The school will notify students of any alterations that occur after this time.

Students must also accept responsibility to seek out information and keep up to date with changes.

SENIOR SCHOOL PATHWAYS

General/VET Studies Pathway

This pathway is designed for students who are typically aiming to enter vocationally based training or the workforce directly from school.

General Studies Pathway students still need to demonstrate high attendance and a strong commitment to their academic studies. They may also choose to study a combination of ATAR courses as well as General courses.

Students on this pathway will typically study:

OPTION 1

Year 11	Year 12
General English	General English
General Elective	General Elective
General Elective	General Elective
General Elective/or ATAR	General Elective/or ATAR
General Elective/or ATAR	General Elective/or ATAR
General/Certificate II (Replaces one elective)	General/Certificate II (Replaces one elective)

OPTION 2

Year 11	Year 12
ATAR/General English	ATAR/ General English
ATAR/General Elective	ATAR/General Elective
General Elective	General Elective
General Elective	General Elective
General Elective	General Elective
General/Certificate II (Replaces one elective)	General/Certificate II (Replaces one elective)

SENIOR SCHOOL PATHWAYS

Foundation Studies (Focus)

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

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

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

The Foundation Studies have a strong emphasis on literacy, numeracy and transitions to training and employment. Students must participate in Workplace Learning.

Students will typically study:

Year 11	Year 12
Foundation English	Foundation English
Foundation Mathematics	Foundation Mathematics
General Career and Enterprise	General Career and Enterprise
General WACE Elective	General WACE Elective
Certificate II (VET course)	Certificate II (VET course)
Workplace Learning	Workplace Learning

SENIOR SCHOOL PATHWAYS

WACE courses are grouped into List A and List B. To ensure a broad education, please be aware that students will be required to choose at least one List A and B course in Year 11 and Year 12.

Below is a list of courses available at Katanning Senior High School for 2025.

LIST A Arts/Languages/Social Sciences	LIST B Mathematics/Science/Technology
ATAR English	ATAR Chemistry
ATAR Geography	ATAR Human Biology
General English	ATAR Mathematics Applications
Foundation English	General Human Biology
General Career and Enterprise	General Mathematics Essentials
General Geography	Foundation Mathematics
General Media Production and Analysis	General Physical Education Studies
General Visual Arts	General Science in Practice
	General Children, Family and Community
	General Design Technological Graphics
	General Food Science and Technology
	General Materials Design and Technology - Metals
	General Materials Design and Technology - Wood

A full list of courses available from SIDE for ATAR students is overleaf.

2025 Senior Secondary Courses and Programs Overview

Learning Area	Courses <small>Year 11 units: FE, GE, AE = unit pair</small>	Preliminary		Foundation		General		ATAR	
		P1/2	P3/4	FE	FT	GE	GT	AE	AT
The Arts	Design: Photography								
	Media Production & Analysis								
	Visual Arts								
Career Development	Career & Enterprise								
	English								
English	EALD								
	Literature								
Health & Physical Education	Health, Physical & Outdoor Ed								
	Health Studies								
Humanities and Social Sciences	Accounting & Finance								
	Business Management & Enterprise								
	Economics								
	Geography								
	Modern History								
	Politics & Law								
	Chinese: Second Language								
French: Second Language									
Languages	Indonesian: Second Language								
	Italian: Second Language								
	Japanese: Second Language								
	Mathematics								
Mathematics	Mathematics Essential								
	Mathematics Applications								
	Mathematics Methods								
	Mathematics Specialist								
	Biology								
Science	Chemistry								
	Human Biology								
	Science in Practice								
	Physics								
	Psychology								
Technologies	Applied Information Technologies								
	Automotive Engineering & Technologies								
	Children Family & Community								
	Computer Science								
	Design: Technical Graphics								

• = course on offer

VET: Endorsed programs and Qualifications

SCSA Endorsed Programs
ASDAN
Community Arts Performance
Community Service
Elite Sports Performance
Keys 4 Life- Plus
Off-Campus Enrichment Program
Recreational Pursuits
Workplace Learning

Qualifications	Delivered in partnership with RTO
10949NAT Certificate II in Applied Language (Japanese)	TBC
AHC10222 Certificate I in Agriculture	SIDE RTO 52891
AHC21020 Certificate II in Conservation and Ecosystem Management	SIDE RTO 52891
BSB20120 Certificate II in Workplace Skills	SIDE RTO 52891
CHC24015 Certificate II in Active Volunteering	TBC
CUA20720 Certificate II in Visual Arts	SIDE RTO 52891
FNS20120 Certificate II in Financial Services	TBC
FSK10219 Certificate I in Skills for Vocational Pathways	SIDE RTO 52891
FSK20119 Certificate II in Skills for Work and Vocational Pathways	SIDE RTO 52891
ICT20120 Certificate II in Applied Digital Technologies	SIDE RTO 52891
SIS20122 Certificate II in Sport and Recreation	SIDE RTO 52891



TIMELINE OF COURSE SELECTION

Term 2 Week 10	Semester 1 Reports distributed.
Term 3 Week 3	Senior School Course Information Book and Course Selection Form issued to students.
Term 3 Week 5	Parents and Carers Information Session.
Term 3 Week 5 and 6	Subject Counselling and Course Selection appointments with Year 10 students for Year 11 2025. VETdSS Applications open for students wanting to complete a TAFE qualification.
Term 3 Week 7	WPL application forms available following course selections and confirmation of WPL selection with students.
Term 3 Week 4 to Term 4 Week 2	Possible re-selection of courses not fitting on grid.
Term 4 Week 5 to 7	WPL interviews.
Term 4 Week 7	Compulsory Charges, Voluntary Contributions, Other Optional Costs, Voluntary Approved Requests and Personal Items Lists posted to parents and carers.
Term 4 Week 10	Year 10 to Year 11 transition for ATAR students.

INFORMATION AND HOW TO GET IT

REMEMBER CHOOSING IS ONLY THE BEGINNING

Getting started

If you know the career path you would like to pursue you can start by researching courses at the Institute of Technology, University or other training providers which lead to that career. The “Future Moves” Program will provide you with information to help you: <http://www.futuremoves.com.au>.

The Tertiary Institute and Services Centre (TISC) is a great resource for university bound students as it contains information about all courses offered by all WA universities and their prerequisites for entry. <https://www.tisc.edu.au>

Career Guidance

Career advice is provided to support students, parents and carers in the areas of study skills, course selection in relation to future vocational aspirations and ability levels, and career and course decision making. People who can assist students include:

- ◇ Deputy Principal Senior School
- ◇ Program Coordinator Student Services
- ◇ VET Coordinator
- ◇ Your teachers
- ◇ Workplace Learning Coordinator
- ◇ Follow the Dream
- ◇ Clontarf
- ◇ Deadly Sista Girlz

Course selection interviews will be conducted by the Principal and Deputy Principal Senior School. At the course counselling interview, the counsellor will:

- Ensure the student fulfils the criteria
- Check that they have chosen List A and List B subjects to ensure graduation eligibility
- Refer the student and parents/carers, if necessary to the Deputy Principal, if the students and parents/carers have a good case for choosing against recommendations
- Refer the student, if necessary to the VET Coordinator, if the student would like to enrol in a certificate, WPL or SBT.

“Job Guide” – Department of Education and Training

The Department of Education and Training is responsible for national policies and programmes that help Australians access quality and affordable early child care and childhood education, school education, higher education, vocational education and training, international education and research. This contains detailed information on many jobs. Some you may not have even heard of! This information is available online at <https://www.education.gov.au/job-guide>.

Other websites:

- | | |
|--|--|
| www.curtin.edu.au | www.apprenticentre.wa.gov.au |
| www.ecu.edu.au | www.centrelink.gov.au |
| www.murdoch.edu.au | www.defencejobs.gov.au |
| www.nd.edu.au | www.dtwd.wa.gov.au |
| www.uwa.edu.au | www.futureskillswa.wa.gov.au |
| www.tisc.edu.au | www.myfuture.edu.au |

CHEMISTRY

ATAR Year 11

Required Background:

Achieved at least a B grade in Year 10 Mathematics and Science.

Achieved Band 8 Year 9 NAPLAN and/or passed Year 10 OLNA.

Compulsory cost:

Approximately \$65.00 per year in Senior School.

Assessment Outline:

Research tasks, in class validation, practical investigations, tests and examination.

Leads to:

Chemistry ATAR Year 12

COURSE DESCRIPTION

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.

UNIT 1: Chemical fundamentals: structure, properties and reactions

In this unit, students use models of atomic structure and bonding to explain the macroscopic properties of materials. Students develop their understanding of the energy changes associated with chemical reactions and the use of chemical equations to calculate the masses of substances involved in chemical reactions.

UNIT 2: Molecular interactions and reactions

In this unit, students continue to develop their understanding of bonding models and the relationship between structure, properties and reactions, including consideration of the factors that affect the rate of chemical reactions. Students investigate the unique properties of water and the properties of acids and bases, and use chemical equations to calculate the concentrations and volumes of solutions involved in chemical reactions.

ENGLISH

ATAR Year 11

Required Background:

At least a B grade in Year 10 English.

Achieved Band 8 Year 9 NAPLAN and/or passed Year 10 OLNA.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Extended written work, in class timed assessments, oral presentations and examination.

Leads to:

English ATAR Year 12.

COURSE DESCRIPTION

The English ATAR course focuses on developing students' analytical, creative, and critical thinking and communication skills in all language modes, encouraging students to critically engage with texts from their contemporary world, the past, and from Australian and other cultures. Through close study and wide reading, viewing and listening, students develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and to enjoy creating imaginative, interpretive, persuasive and analytical responses in a range of written, oral, multimodal and digital forms.

UNIT 1

Students explore how meaning is communicated through the relationships between language, text, purpose, context and audience. This includes how language and texts are shaped by their purpose, the audiences for whom they are intended and the contexts in which they are created and received.

UNIT 2

Students analyse the representation of ideas attitudes and voices in texts to consider how texts represent the world and human experience. Analysis of how language and structural choices, shape choices, shape perspectives in and for a range of contexts is central to this unit.

GEOGRAPHY

ATAR Year 11

Required Background:

At least a B grade in Year 10 Humanities and Social Sciences, and achieved at least a C grade in Year 10 English.

Achieved Band 8 Year 9 NAPLAN and/or passed Year 10 OLNA.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Geographical inquiry, fieldwork/practical skills, short and extended response and examination.

Leads to:

Geography ATAR Year 12.

COURSE DESCRIPTION

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

UNIT 1: Natural and ecological hazards

In this unit, students explore both natural (i.e. hydrological, geomorphic and atmospheric) hazards and ecological (i.e. biological and chemical) hazards, the impacts they have on people, place and environments and the risk management of these hazards. Risk management is defined in terms of preparedness and mitigation.

UNIT 2: Global networks and interconnections

In this unit, students explore the economic and cultural transformations taking place in the world – the diffusion and changing spatial distribution and the impacts of these changes – that will enable them to better understand the dynamic nature of the world in which they live.

HUMAN BIOLOGY

ATAR Year 11

Required Background:

Achieved at least a B grade in Year 10 Science.

Achieved Band 8 Year 9 NAPLAN and/or passed Year 10 OLNA.

Compulsory cost:

Approximately \$65.00 per year in Senior School.

Assessment Outline:

Research tasks, in class validation, practical investigations, tests and examination.

Leads to:

Human Biology ATAR Year 12

COURSE DESCRIPTION

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.

UNIT 1: The functioning human body

In this unit, students analyse how the structure and function of body systems, and the interrelationships between systems, support metabolism and body functioning.

UNIT 2: Reproduction and inheritance

In this unit, students study the reproductive systems of males and females, the mechanisms of transmission of genetic material from generation to generation, and the effects of the environment on gene expression.

MATHEMATICS APPLICATIONS

ATAR Year 11

Required Background:

Achieved at least a B grade in Year 10 Mathematics.

Achieved Band 8 Year 9 NAPLAN and/or passed Year 10 OLNA.

Compulsory cost:

Approximately \$60.00 per year in Senior School.

Assessment Outline:

Response, investigations and examinations.

Leads to:

Mathematics Applications ATAR Year 12.

COURSE DESCRIPTION

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.

UNIT 1

Contains three topics:

- Consumer arithmetic
- Algebra and matrices
- Shape and measurement.

UNIT 2

Contains three topics:

- Univariate data analysis and the statistical investigation process
- Applications of trigonometry
- Linear equations and their graphs.

CAREER and ENTERPRISE

General Year 11

Required Background:

Students who have not demonstrated the minimum standard in the literacy component of Year 10 OLNA are eligible to enrol in the Career and Enterprise Foundation course.

Compulsory cost:

Approximately \$30.00 per year in Senior School.

Assessment Outline:

Investigation, production/performance, individual pathway plan/career portfolio and response.

Leads to:

Career and Enterprise General Year 12.

COURSE DESCRIPTION

Career education involves learning to manage and take responsibility for personal career development. The Career and Enterprise General course involves recognising one's individual skills and talents, and using this understanding to assist in gaining and keeping work. Key components of the course include: the study of different career development theories and the application of these theories to an individual's career development; entrepreneurial behaviours; learning to learn; and the exploration of social, cultural and environmental issues that globally affect work, workplaces and careers.

UNIT 1:

This unit enables students to increase their knowledge of work and career choices and identify a network of people and organisations that can help with school to work transitions.

UNIT 2:

This unit explores the attributes and skills necessary for employment and provides students with the opportunity to identify their personal strengths and interests and the impact of these on career development opportunities and decisions.

CHILDREN, FAMILY AND THE COMMUNITY

General Year 11

Required Background:

Year 10 Home Economics or Childcare

Compulsory cost:

Approximately \$115 per year in Senior School.

Assessment Outline:

Investigation, production and response.

Leads to:

Children, Family and the Community General Year 12.

COURSE DESCRIPTION

The Children, Family and the Community General course focuses on factors that influence human development and the wellbeing of individuals, families and communities. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development.

They engage in shared research, examine goal setting, self-management, decision making, communication and cooperation skills when creating products, services or systems that will assist individuals, families and communities to achieve their needs and wants. Contemporary Australian issues or trends relating to families and communities at the state and national level are examined in practical ways.

UNIT 1: Families and relationships

This unit focuses on family uniqueness. Students examine the role of families and the relationships between individuals, families and their communities.

Through an understanding of growth and development, students recognise the characteristics of individuals and families and that development is affected by biological and environmental influences. They identify roles and responsibilities of families, and examine their similarities and differences, the issues that arise from family interactions and the influence of attitudes, beliefs and values on the allocation of resources to meet needs and wants.

Students make decisions, examine consequences and develop skills to accommodate actions that impact themselves or others. Skills, processes, understandings and knowledge are developed through individual and group experiences. Students design and produce products and services that meet the needs of individuals, families and communities.

UNIT 2: Our Community

This unit focuses on families, relationships and living in communities. The influence of biological and environmental factors, lifestyle behaviours and health status on growth and development is studied. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development.

Students examine the roles and responsibilities of particular groups, networks, and services, and the impact of attitudes, beliefs and values on the management of resources. Students engage in shared research practice, communicate information, use decision-making, goal setting, self-management and cooperation skills when creating products, services or systems that will assist individuals, families and communities to achieve their needs and wants.

DESIGN TECHNOLOGICAL GRAPHICS

General Year 11

Required Background:

Nil.

Compulsory cost:

Approximately \$75.00 per year in Senior School.

Assessment Outline:

Production and response.

Leads to:

Design Technological Graphics General Year 12.

COURSE DESCRIPTION

The Design General Course involves the strategic development, planning and production of visual and tactile communication. It deals with the effective and efficient communication of ideas, values, beliefs, attitudes, messages and information to specific audiences for specific purposes and with specific intentions .

UNIT 1: Design fundamentals

The focus of this unit is to introduce design process and practice. Students learn that design can be used to provide solutions to design problems and communication needs.

UNIT 2: Personal design

The focus of this unit is personal design. Students learn that they visually communicate aspects of their personality, values and beliefs through their affiliations and their manipulation of personal surroundings and environments.

ENGLISH

General Year 11

Required Background:

Achieved at least a C grade in Year 10 English.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Responding and creating via presentations, written work, tests and multimodal texts.

Leads to:

English General Year 12.

COURSE DESCRIPTION

The English General course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts. The course is designed to provide students with the skills to succeed in a wide range of post-secondary pathways by developing their language, literacy and literary skills. Students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms.

UNIT 1

This unit focuses on students comprehending and responding to the ideas and information presented in texts. Students:

- employ a variety of strategies to assist comprehension
- read, view and listen to texts to connect, interpret and visualise ideas
- learn how to respond personally and logically to texts by questioning, using inferential reasoning and determining the importance of content and structure
- consider how organisational features of texts help the audience to understand the text
- learn to interact with others in a range of contexts, including everyday, community, social, further education, training and workplace contexts
- communicate ideas and information clearly and correctly in a range of contexts
- apply their understanding of language through the creation of texts for different purposes.

UNIT 2

This unit focuses on students interpreting ideas and arguments in a range of texts and contexts. Students:

- analyse text structures and language features and identify the ideas, arguments and values expressed
- consider the purposes and possible audiences of texts
- examine the connections between purpose and structure and how a text's meaning is influenced by the context in which it is created and received
- integrate relevant information and ideas from texts to develop their own interpretations
- learn to interact effectively in a range of contexts
- create texts using persuasive, visual and literary techniques to engage audiences in a range of modes and media.

ENGLISH

Foundation Year 11

Required Background:

Students who have not demonstrated the minimum standard in the literacy component of Year 10 OLNA are eligible to enrol in the English Foundation course.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Writing and reading activities, speaking and listening skills.

Leads to:

English Foundation Year 12 or English General Year 12.

COURSE DESCRIPTION

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

UNIT 1: 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 every day personal contexts
- develop skills in speaking and listening for work, learning, community and everyday personal contexts.

UNIT 2: 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.

FOOD SCIENCE and TECHNOLOGY

General Year 11

Required Background:

Year 10 Home Economics.

Compulsory cost:

Approximately \$120.00 per year in Senior School.

Assessment Outline:

Investigation, production and response.

Leads to:

Food Science and Technology General Year 12.

COURSE DESCRIPTION

The Food Science and Technology General course provides opportunities for students to explore and develop food-related interests and skills. Food impacts on every aspect of daily life and is essential for maintaining overall health and wellbeing. Students organise, implement and manage production processes in a range of food environments and understand systems that regulate food availability, safety and quality. Knowledge of the sensory, physical, chemical and functional properties of food is applied in practical situations. Students investigate the food supply chain and value-adding techniques applied to food to meet consumer and producer requirements. Principles of dietary planning, adapting recipes, and processing techniques, are considered for specific nutritional needs of demographic groups. Occupational safety and health requirements, safe food handling practices, and a variety of processing techniques, are implemented to produce safe, quality food products. This course may enhance employability and career opportunities in areas that include nutrition, health, food and beverage manufacturing, food processing, community services, hospitality and retail.

UNIT 1: This Food choices and health

This unit focuses on the sensory and physical properties of food that affect the consumption of raw and processed foods. Students investigate balanced diets, the function of nutrients in the body and apply nutrition concepts that promote healthy eating. They study health and environmental issues that arise from lifestyle choices and investigate factors which influence the purchase of locally produced commodities.

UNIT 2: This Food for communities

This unit focuses on the supply of staple foods and the factors that influence adolescent food choices and ethical considerations. Students recognise factors, including processing systems, that affect the sensory and physical properties of staple foods. They explore food sources and the role of macronutrients and water for health, and nutrition-related health conditions, such as coeliac and lactose intolerance, which often require specialised diets. Students consider how food and beverage labelling and packaging requirements protect consumers and ensure the supply of safe, quality foods.

GEOGRAPHY

General Year 11

Required Background:

At least a C grade in Year 10 Humanities and Social Sciences.

Compulsory cost:

Approximately \$90.00 per year in Senior School.

Assessment Outline:

Geographical inquiry, fieldwork/practical skills and tests.

Leads to:

Geography General Year 12.

COURSE DESCRIPTION

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 .

UNIT 1: Geography of environments at risk

This unit 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. In the local area, in specific regions and globally, people pose threats to the environment as they attempt to meet their needs. Individuals and/or groups can have conflicting viewpoints about particular environments. This can place environments at risk. Sustainable solutions need to be developed for these environments.

Students develop the knowledge, understandings and skills in this unit that are relevant to the world in which they live and which are also appropriate to careers in the environmental protection/rehabilitation, urban and regional development, and tourism industries.

UNIT 2: Geography of people and places

This unit explores the natural and cultural characteristics of a region, the processes that have enabled it to change over time and the challenges it may face in the future. Students develop the knowledge, understanding and skills that will enable them to understand and apply the concept of a region to other regions in different scales .

HUMAN BIOLOGY

General Year 11

Required Background:

Achieved at least a C grade in Year 10 Science.

Compulsory cost:

Approximately \$70.00 per year in Senior School.
Plus Personal Protective Equipment.

Assessment Outline:

Investigation, Project, Practical and written assessment.

Leads to:

Human Biology General Year 12.

COURSE DESCRIPTION

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

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

UNIT 1

The focus for this unit is on the nutritional choices that we make for the optimal functioning of body cells.

Cells are the basic structural and functional units of the human body. Nutrients are required by cells to sustain life processes. The structures of the digestive system are designed to obtain nutrients which are essential for a functioning musculoskeletal system. Personal dietary decisions can affect the optimal functioning of body cells and quality of life.

Students investigate and model cell processes through practical activities. They explore the digestive and musculoskeletal systems through real and virtual dissections. Students analyse and evaluate various diets against the *Australian Dietary Guidelines*. They are encouraged to use information and communication technology to gather and interpret data, and communicate their findings in a variety of ways.

UNIT 2

The focus of this unit is on the importance of regular health checks to prevent or manage medical problems.

The circulatory, respiratory and urinary systems facilitate the exchange, transport and removal of materials for efficient body functioning. Regular health checks can assess the risk of future medical issues and monitor current medical problems for the development of individual treatment plans in order to improve quality of life.

Students investigate blood pressure, heart rate, blood oxygen levels and lung capacity through practical activities. They explore the circulatory, respiratory and urinary systems through real and virtual dissections. Students analyse data from blood and urine samples to detect anomalies. They are encouraged to use information and communication technology to gather and interpret data, and communicate their findings in a variety of ways.

MATERIALS DESIGN and TECHNOLOGY METALS

General Year 11

Required Background:

Year 10 Design and Technology Metals.

Compulsory cost:

Approximately \$215.00 per year in Senior School.
Plus Personal Protective Equipment.

Assessment Outline:

Design, production and response.

Leads to:

Materials Design and Technology Metals General Year 12.

COURSE DESCRIPTION

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

UNIT 1

Students interact with a variety of items that have been specifically designed to meet certain needs. Students are introduced to the fundamentals of design. They learn to communicate various aspects of the technology process by constructing what they design.

Throughout the process, students learn about the origins, classifications, properties and suitability for purpose of the materials they are using, and are introduced to a range of production equipment and techniques. They develop materials manipulation skills and production management strategies, and are given the opportunity to realise their design ideas through the production of their design project.

UNIT 2

Students interact with products designed for a specific market. They use a range of techniques to gather information about existing products and apply the fundamentals of design. Students learn to conceptualise and communicate their ideas and various aspects of the design process within the context of constructing what they design.

MATERIALS DESIGN and TECHNOLOGY WOOD

General Year 11

Required Background:

Year 10 Design and Technology Wood.

Compulsory cost:

Approximately \$165.00 per year in Senior School.
Plus Personal Protective Equipment.

Assessment Outline:

Design, production and response.

Leads to:

Materials Design and Technology Wood General Year 12.

COURSE DESCRIPTION

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

UNIT 1

Students interact with a variety of items that have been specifically designed to meet certain needs. Students are introduced to the fundamentals of design. They learn to communicate various aspects of the technology process by constructing what they design.

Throughout the process, students learn about the origins, classifications, properties and suitability for purpose of the materials they are using, and are introduced to a range of production equipment and techniques. They develop materials manipulation skills and production management strategies, and are given the opportunity to realise their design ideas through the production of their design project.

UNIT 2

Students interact with products designed for a specific market. They use a range of techniques to gather information about existing products and apply the fundamentals of design. Students learn to conceptualise and communicate their ideas and various aspects of the design process within the context of constructing what they design.

MATHEMATICS ESSENTIAL

General Year 11

Required Background:

Achieved at least a C grade in Year 10 Mathematics.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Response, practical applications and statistical investigation process.

Leads to:

Mathematics Essential General Year 12.

COURSE DESCRIPTION

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.

UNIT 1

This unit includes the following four topics:

- Basic calculations, percentages and rates
- Using formulas for practical purposes
- Measurement
- Graphs.

UNIT 2

This unit includes the following four topics:

- Representing and comparing data
- Percentages
- Rates and ratios
- Time and motion.

MATHEMATICS

Foundation Year 11

Required Background:

Students who have not demonstrated the minimum standard in the literacy component of Year 10 OLNA are eligible to enrol in the Mathematics Foundation course.

Compulsory cost:

Approximately \$45.00 per year in Senior School.

Assessment Outline:

Response and practical applications.

Leads to:

Mathematics Foundation Year 12 or Mathematics Essential General Year 12.

COURSE DESCRIPTION

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.

UNIT 1

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to addition and subtraction, length, mass, capacity and time. It involves the extraction of information from, and the interpretation of, various simple forms of data representation used in everyday contexts. The number formats in unit one are whole numbers and money.

UNIT 2

This unit provides students with the mathematical knowledge, understanding and skills relating to fractions and decimals, solving problems relating to multiplication and division, perimeter, area and volume and qualitative probability from everyday contexts. Teachers are encouraged to apply the content of this unit in contexts which are meaningful and of interest to their students. The number formats for this unit are whole numbers, money, fractions and decimals.

MEDIA PRODUCTION and ANALYSIS

General Year 11

Required Background:

Nil.

Compulsory cost:

Approximately \$55.00 per year in Senior School.

Assessment Outline:

Response and production.

Leads to:

Media Production and Analysis General Year 12.

COURSE DESCRIPTION

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

UNIT 1: Mass media

Within this broad focus, students reflect on their own use of the media, common representations, including the examination of characters, stars and stereotypes and the way media is constructed and produced.

UNIT 2: Point of view

The focus for this unit is on point of view, a concept that underpins the construction of all media work. In this unit, students will be introduced to the concept and learn how a point of view can be constructed. They will analyse media work and construct a point of view in their own productions.

PHYSICAL EDUCATION STUDIES

General Year 11

Required Background:

At least a C grade in Year 10 Physical Education and Science, and an interest in sport and physical activity.

Compulsory cost:

Approximately \$105.00 per year in Senior School.

Assessment Outline:

Practical assessment, written investigation and response.

Leads to:

Physical Education Studies General Year 12.

COURSE DESCRIPTION

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

UNIT 1

The focus of this unit is the development of students' knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities.

UNIT 2

The focus of this unit is the impact of physical activity on the body's anatomical and physiological systems. Students are introduced to these concepts which support them to improve their performance as team members and/or individuals.

SCIENCE IN PRACTICE

General Year 11

Required Background:

At least a C grade in Year 10 Science.

Compulsory cost:

Approximately \$60.00 per year in Senior School.

Assessment Outline:

Investigation, project, practical and written assessment.

Leads to:

Science in Practice General Year 12.

COURSE DESCRIPTION

Science in Practice is a course grounded in the belief that science is multidisciplinary and, in essence, a practical activity. The Science in Practice course encourages students to be questioning, reflective and critical thinkers about scientific issues, enabling them to make informed decisions about questions that directly affect their lives and the lives of others. Students will engage in activities and investigations on science issues in the context of the world around them and are encouraged to collaborate and cooperate with others in the community.

UNIT 1

The emphasis of this unit is on biological and Earth systems, focusing on the following topics:

- Interrelationships between Earth systems
- structure and function of biological systems
- ecosystems and sustainability
- species continuity and change.

UNIT 2

The emphasis of this unit is on physical and chemical systems, focusing on the following topics:

- atomic structure
- chemical reactions
- mixtures and solutions
- motion and forces
- energy.

VISUAL ARTS

General Year 11

Required Background:

Year 10 Visual Arts.

Compulsory cost:

Approximately \$60.00 per year in Senior School.

Assessment Outline:

Production, analysis and investigation.

Leads to:

Visual Arts General Year 12.

COURSE DESCRIPTION

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.

UNIT 1: Experiences

The focus for Unit 1 is experiences. Students base art making and interpretation on their lives and personal experiences, observations of the immediate environment, events and/or special occasions.

UNIT 2: Explorations

The focus for Unit 2 is explorations. Students explore ways to generate and develop ideas using a variety of stimulus materials and explorations from their local environment in their art making and interpretation.

VOCATIONAL EDUCATION and TRAINING (VET) PATHWAY INFORMATION

Course costs are approximates only. Final costs will be advised by start of December

MEM20422 CERTIFICATE II in ENGINEERING PATHWAYS

(Running of this course is dependant on student numbers)

Required Background:

Experience in Middle School Metalwork and wear the appropriate personal protective equipment/uniform for the Trade Skills Centre.

Compulsory cost:

On advice from provider approximately \$550.00 per year in Senior School. Plus PPE.

Leads to:

Possible employment in an engineering or related working environment.

This course will be on school site 1 day per week.

COURSE DESCRIPTION

The Certificate II Engineering qualification provides students with the opportunity to become proficient in a number of engineering skills which may include mechanical cutting, welding, finishing and sheet and plate assembly. Students will use a variety of workshop machines and perform engineering measurement tasks. They will also learn how to apply the principles of occupational health and safety in the work environment.

The qualification is based on nationally endorsed training package and provides opportunities for students to complete a Certificate II qualification over a period of 2 years.

Students studying this qualification can gain course unit credits towards the WACE.

This qualification is offered in partnership with the Australian Institute of Education and Training (RTO code 121314). Training and assessment is conducted by teachers on behalf of the RTO.



CHC22015 CERTIFICATE II in COMMUNITY SERVICES

(Running of this course is dependant on student numbers)

Required Background:

Nil

Compulsory cost:

On advice from provider approximately \$300.00 per year in Senior School.

Leads to:

This qualification underpins a range of work functions and job roles that can lead to employment within entry level positions, in community work and allied health.

This course will be off school site 1 day per week at Katanning TAFE.

COURSE DESCRIPTION

Our Certificate II in Community Services gives you real-life exposure to the diversity of community care and support services in your local community – youth, aged, disability, health and social services. It's your entry point in learning how the community service and care sector operates and how to support clients with a diverse range of needs. The completion of the Certificate II in Community Services will open up a world of possibilities for students who can apply for further training pathways of their interest, including youth work, education support, early childhood education and care, disability care, aged care, health services and nursing.

Students studying this qualification can gain course unit credits towards the WACE.

This qualification is offered in partnership with South Regional TAFE (RTO code 52790).



BSB30120 CERTIFICATE III in BUSINESS

(Running of this course is dependant on student numbers)

Required Background:

Achieved at least a C grade in Year 10 English and Maths or equivalent.

Compulsory cost:

On advice from provider approximately \$250.00 per year in Senior School.

Leads to:

Possible employment, traineeship or alternative University pathway.

This course will be off school site 1 day per week at Katanning TAFE.

COURSE DESCRIPTION

This course covers;

- Occupational Health and Safety in the work place
- Computer skills in Word documents and Spreadsheets
- Skills for working in a business setting
- How to use technology in business and for communication
- Customer service

This qualification reflects the role of individuals in a variety of junior administrative positions who perform a range of mainly routine tasks using limited practical skills and fundamental operational knowledge in a defined context. Individuals in these roles generally work under direct supervision.

Students studying this qualification can gain course unit credits towards the WACE.

This qualification is offered in partnership with South Regional TAFE (RTO code 52790).



CHC30113 CERTIFICATE III in EARLY CHILDHOOD EDUCATION and CARE

(2 Year Course)

Required Background:

Achieved at least a C grade in Year 10 English and Maths or equivalent.

Compulsory cost:

On advice from provider approximately \$200.00 per year in Senior School.

Leads to:

Possible employment or traineeship in the Childcare industry.

This course will be off school site 1 day per week at Katanning TAFE.

COURSE DESCRIPTION

When you complete the Certificate III in Early Childhood Education and Care you'll be on your way to a career as a preschool assistant or childcare centre assistant. You will gain the knowledge and skills to work effectively as an educator, supporting the development and wellbeing of children aged 0 to 5 years, understanding children's learning, providing learning support, working with children from culturally diverse backgrounds, identifying and responding to children at risk, and workplace health and safety.

This course is suitable for those considering, but not limited to, a career in Child Care. Course is delivered over 2 years, with compulsory 1 day a week Workplace Learning.

Students studying this qualification can gain course unit credits towards the WACE.

This qualification is offered in partnership with South Regional TAFE (RTO code 52790)



SIS30122 CERTIFICATE III in SPORT AND RECREATION

(2 Year Course)

Required Background:

Achieved at least a C grade in all assessment sub strands in Specialised Physical Education (Year 9 or 10) If they did not participate in Specialised Physical Education, at least a C grade is required in all sub strands in Physical Education.

Compulsory cost:

On advice from provider approximately \$220.00 per year in Senior School.

Leads to:

Possible employment in customer contact positions in the sport or community recreation industry.

This course will be on school site as a timetabled class.

COURSE DESCRIPTION

The Certificate III in Sport and Recreation is a practical qualification which teaches students hands on skills in sports management, coaching and officiating.

Participants in the qualification will be required to coach Primary and Secondary aged students, developing the ability to plan and reflect upon coaching sessions.

Students will also develop knowledge of First Aid and injury management, nutritional requirements and performance pathways.

Students studying this qualification can gain course unit credits towards the WACE.

This qualification is offered in partnership with the IVET (RTO code 40548). Training and assessment is conducted by teachers on behalf of the RTO.



ENDORSED PROGRAMS

WORKPLACE LEARNING (ADWPL)

Required Background:

Nil

Cost: Approximately \$55.00

Assessment Outline:

Skills Journal and Log Book per 55 hours.

Leads to:

Students gaining valuable work experience and developing necessary work skills that may lead to future employment or training pathways.

OUTLINE

Workplace Learning is an endorsed program developed by School Curriculum and Standards Authority (SCSA) that is managed by individual schools and open to students in Years 11 and 12. To complete this endorsed program, a student works in one or more real workplace/s to develop a set of transferable workplace skills.

The student must record the number of hours completed and the tasks undertaken in the workplace in SCSA's Workplace Learning Logbook. The student must also provide evidence of his/her knowledge and understanding of the workplace skills by completing the Workplace Learning Skills Journal after each 55 hours completed in the workplace. Unit equivalence is allocated on the basis of 1 unit equivalent for each 55 hours completed in the workplace, to a maximum of 4 units. The total number of hours completed in the workplace is reported on the student's WASSA (Western Australian Statement of Student Achievement).

This course will be linked, where possible, to the Certificate II that a student is studying.

STUDENT SERVICES

STUDENT SERVICES TEAM:

- ◇ Student Services Program Coordinator
- ◇ AIEOs
- ◇ School Psychologist
- ◇ School Nurse
- ◇ Chaplain

The Student Services team works together to foster the emotional, social and intellectual development of all students at Katanning Senior High School and their right to learn in a safe, healthy and caring environment.

SERVICES INCLUDE:

- Pastoral care and mentoring
- Attendance monitoring
- Facilitation of communication between parents/ carers, students and staff
- Whole school approach to health and wellbeing
- Behaviour monitoring and management
- Monitor Good Standing
- Provide support from external agencies



K A T A N N I N G
S E N I O R H I G H S C H O O L

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