WAIKERIE HIGH SCHOOL

2023

SUBJECT HANDBOOK

YEAR 10, 11 & 12

Government of South Australia

Department for Education

RESPECT

RESPONSIBILITY

TRUST

ACHIEVEMENT

COMMUNITY

WE SHOW
GRIT

WE DISPLAY
RESILIENCE

WE ARE
SELF MOTIVATED

THE FACT THAT A SUBJECT DESCRIPTOR APPEARS IN THIS BOOKLET DOES NOT NECESSARILY MEAN THAT THE SUBJECT WILL RUN NEXT YEAR. THE DECISION FOR THE SUBJECT TO RUN WILL ULTIMATELY BE DETERMINED BY THE STAFFING ALLOCATION AND CLASS SIZE AT THE BEGINNING OF THE YEAR.

Introduction

This document describes the curriculum structure for the Senior Years -Years 10, 11 and 12 at Waikerie High School. It contains information concerning the South Australian Certificate of Education (SACE) and subject information.

Course selection is a very important step in the learning journey leading to future study, the world of work and other pathways.

Information and help in deciding on course options can be obtained from the following sources:

- Careers Counsellor
- Your teachers
- Assistant Principal – Senior School
- Your parents
- People involved in industry and business
- Your home group teacher
- Web based material

When choosing a subject or course it is important that:

- You enjoy the subject(s)
- You have a passion for the subject content
- Your choices lead to subject options in Year 12 – Stage 2
- Your choices lead to and connect with any vocational pathways
- Your choices link and lead to any future study options in the Tertiary Sector eg TAFE, University

Please read this booklet carefully and ask questions around areas which concern you. The more information you have to make decisions the better.

Information sessions will be held where the curriculum structure will be outlined and subject information discussed. Prepare for these sessions and plan your options carefully.

Subject counselling/confirmation sessions will be held for all students moving into Years 11 and 12. Interviews involving both students and their parents will be held where individual questions can be addressed. Students moving into Year 11 have been, and will be, considering their choices as part of their PLP.

This is a very important process about your future. Please make use of the help and advice made freely available to you.

Phil Valentine
Assistant Principal – Senior School

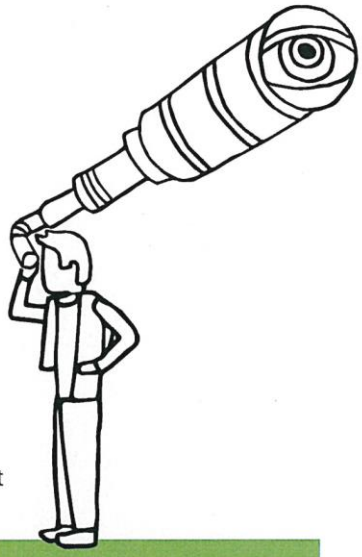
Welcome to the SACE

The South Australian Certificate of Education (SACE) is a modern, internationally-recognised secondary school qualification designed to equip you with the skills, knowledge, and personal capabilities to successfully participate in our fast-paced global society.

Learning at the pace of change

The SACE has evolved to provide you with **more flexibility** to choose subjects that reflect your interests, skills, and career goals, using a combination of SACE subjects, vocational education and training (VET), community learning, university, and TAFE studies.

SACE subjects are made up of investigations, performances, and other assessment tasks to demonstrate your skills, knowledge, and personal capabilities throughout the year. Some subjects will have an end-of-year exam **worth a maximum of 30%** of the overall grade.



Your SACE journey

To complete the qualification, you will need to attain **200 credits** from a selection of Stage 1 and Stage 2 subjects. A 10-credit subject is usually one semester of study, and a 20-credit subject is usually over two semesters. **Here's how it works.**

COMPULSORY SUBJECTS

50 credits

- The Personal Learning Plan (PLP) *(10 credits)*
- Literacy requirement *(20 credits)* demonstrated from a range of English subjects at Stage 1 or Stage 2
- Numeracy requirement *(10 credits)* demonstrated from a range of Mathematics subjects at Stage 1 or Stage 2
- The Research Project *(10 credits)*

STUDENT SELECTED SUBJECTS

90 credits

Choose and successfully complete a selection of Stage 1 and Stage 2 subjects, recognised VET courses, or community learning.

60 credits

Choose and successfully complete a selection of Stage 2 or VET subjects worth at least 60 credits in total.

Stage 2 subjects are externally assessed by the SACE Board of South Australia.

The SACE is flexible and your schedule may differ depending on your school. The majority of students in South Australia will start their journey with the **Personal Learning Plan in Year 10**, their selection of **Stage 1 subjects in Year 11** (including the compulsory Maths and English choices), and their selection of **Stage 2 subjects in Year 12** (including the Research Project). To view all subjects offered by SACE visit **sace.sa.edu.au**

EXAMPLE OF ACHIEVING A MINIMUM OF 200 CREDITS

50 credits - compulsory

Personal Learning Plan *(10 credits)*

Stage 1 General Mathematics *(10 credits – one semester)*

Stage 1 Essential English *(20 credits)*

Stage 2 Research Project *(10 credits)*

Min. 90 credits

Stage 1 Biology *(20 credits)*

Stage 1 Italian continuers *(20 credits)*

Stage 1 Food and Hospitality *(20 credits)*

Stage 2 Food and Hospitality *(20 credits)*

Stage 1 VET: Certificate II in Food Processing *(min. 40 credits)*

Min. 60 credits

Stage 2 Biology *(20 credits)*

Stage 2 Italian continuers *(20 credits)*

Stage 2 Essential English *(20 credits)*

How to get an ATAR?

You are eligible for an Australian Tertiary Admissions Rank (ATAR) if you achieve 90 credits in Stage 2 (see above example). **The South Australian Tertiary Admissions Centre (SATAC) has responsibility for calculating the ATAR**. For more information about the ATAR (including scaling), go to **satac.edu.au**

What kind of learner are you?

The SACE caters for practical and theory, hands-on and action-based learning both in and outside school.

You are encouraged to choose subjects that suit you and will open doors to a range of careers within your area of interest.

You will have the opportunity to explore your interests, strengths, subject choices, and style of learning during the **Personal Learning Plan** at the beginning of your SACE journey.

VET options are available at both Stage 1 and Stage 2 and include a wide range of industry areas, including construction, automotive, electrotechnology, hospitality, community services, health and information technology.

In negotiation with your school, you can choose to combine study and part-time work, a traineeship, or school-based apprenticeship.

The SACE Board offers **Modified Subjects** at both Stage 1 and 2 for eligible students with identified significant disabilities.

Making sure it's fair

Your work is assessed against the performance standards outlined for each subject.

Teachers and assessors use these standards to determine how well you have demonstrated your learning, and apply a grade:

From A to E for Stage 1 (C or higher to pass)
From A+ to E- for Stage 2 (C- or higher to pass)

To ensure your work is marked fairly, thousands of samples of student work are reviewed to ensure that assessment decisions are consistent with the performance standards for the subject across the state. These processes are called **marking** and **moderation**.

If something happens during your journey

If your learning is significantly disrupted, special provisions may be granted by your school, on a short-term or long-term basis, to allow for adjustments in assessment so you can demonstrate the required knowledge and performance standards to complete the subject.

The SACE Board and schools work in partnership to ensure **special provisions** are available for exceptional circumstances.

Government of South Australia

South Australian Certificate of Education

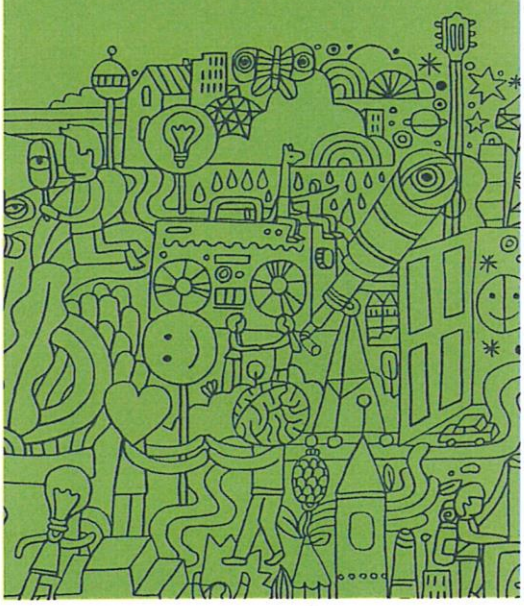
You will learn at the pace of change with 7 capabilities that equip you to live and work successfully in the 21st century.

- LITERACY
- NUMERACY
- INFORMATION AND COMMUNICATION TECHNOLOGY
- CRITICAL AND CREATIVE THINKING
- PERSONAL AND SOCIAL
- ETHICAL UNDERSTANDING
- INTERCULTURAL UNDERSTANDING

Need more information?

The SACE Board provides detailed information on subjects, assessment, modified subjects, special provisions, and results. Visit **sace.sa.edu.au** for more information.

Your school's SACE coordinator and other school leaders can offer advice and information on subjects being offered that best suit your interests and your plans for further education and training.



SUBJECT SELECTION – YEAR 10

The following subjects are **compulsory:**

English – 2 Semesters
(Level recommended by teaching staff.)

Mathematics – 2 Semesters
(Level recommended by teaching staff.)

Science – 2 Semesters

Health and Physical Education

Personal Learning Plan (PLP) (Stage 1 SACE 10 Credits) HASS

Students in Year 10 will choose 5 **elective subjects** from the choices given.

SUBJECT SELECTION - Year 11 (mainly Stage 1 SACE Subjects)

At Stage 1 you must take the following subjects to satisfy the curriculum pattern:
Compulsory subjects:

- At least 2 Semesters of English *(level recommended by teaching staff)*
- At least 1 Semester of Mathematics *(level recommended by teaching staff)*
- One Semester of Research Project (Stage 2)
-

Other
You must also take at least another 9 semesters from the offered subjects.
See the VET section at the end of the document for Vocational and Education Training courses available.

SUBJECT SELECTION - Year 12 (mainly Stage 2 SACE Subjects)

At Year 12 you have options if the compulsory subjects have been completed.

Most students will study four 20 credit subjects at Year 12 (minimum of three 20 credits for SACE) but will vary depending on overall credits and future tertiary pathway intentions. Your subject counsellor will advise you on your requirements.

In your 200 credits you must include at least 60 units from Stage 2, have passed the Research Project and have passed all of the compulsory subjects from Stage 1 (PLP, Literacy-20credits, Numeracy-10 credits). This satisfies the curriculum pattern for Stage 2.

A full time Year 12 student will have 4 subjects or 3 subjects in addition to VET. More subjects can be studied through negotiation with the Assistant Principal of Senior School.

If you wish to go onto higher education you must also satisfy the following requirements:

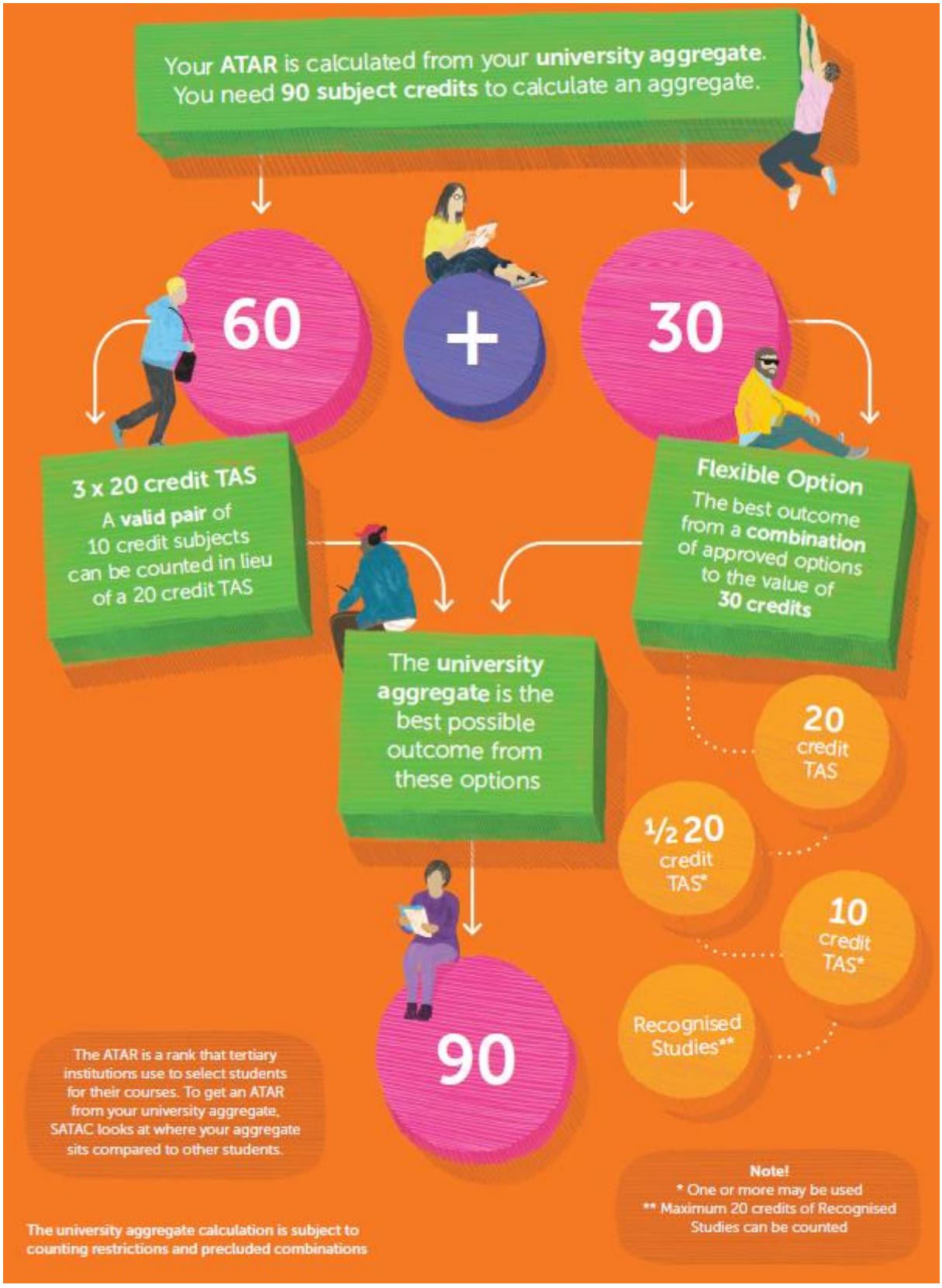
TafeSA
The entry requirements are dependent on the level of the course.

Visit: tafe.sa.edu.au

University (in South Australia)

Complete SACE Stage 2.
Complete at least 90 credits of SACE Stage 2 subjects where at least 60 credits must be Tertiary Admission Subjects. The other 30 must be either TAS or a Recognised Subject.
Comply with rules regarding subject combinations.
Complete any prerequisite requirements for your chosen university course.
Obtain an Australian Tertiary Admission Tank (ATAR).

Please visit satac.edu.au for further information on University Courses.



Interstate University
Same as a South Australian University plus Stage 2 English (English or Literary Studies).

VET COURSES – Stage 1 and Stage 2
There may be some extra costs associated with these courses and they require a strong level of commitment.
See the VET section at the end of the document for Vocational and Education Training courses available.

CROSS DISCIPLINARY STUDIES

PERSONAL LEARNING PLAN (COMPULSORY)

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: No pre-requisites**.**

CONTENT: The Personal Learning Plan is a compulsory SACE subject undertaken at Year 10. Student's will consider their aspirations and research reliable career information to help them make appropriate subject choices and map out their future. Students will work towards goals they need to achieve as they progress through school towards work, training or further study. The personal learning plan will help students: identify and research career paths and options, explore a world of work by organising and attending a week of work experience, consider and access subjects and courses available in and beyond school, review their strengths and areas they need to work on, including literacy, numeracy and information and communication technology (ICT) skills, gain skills for future employment, gain interview experience through educational mock interviews, identify goals and plans for improvement and review and adjust plans to achieve goals.

ASSESSMENT: Students will be assessed on reflection the five SACE capabilities.

Note - In order to meet the requirements of the 'SACE', students must receive a 'C' or better. Students risk limiting their Year 11 subject options if they need to complete this subject in the subsequent year.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Work experience students will need to arrange their own transport to and from employment.

RESEARCH PROJECT (COMPULSORY)

YEAR LEVEL: 11 (Stage 2) **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: No pre-requisites**.**

CONTENT: The **Research Project** is a compulsory subject designed to give students the opportunity to study an area of interest in depth. The Stage 2 subject – essentially a major project – will be worth 10 credits. It will allow students to use their creativity and initiative, while developing the research and presentation skills they will need in further study or work.
The research project can take many forms, for example:

- community-based projects, such as developing a parenting course or a youth leadership program
- technical or practical activities, such as design or repairing a ride-on lawn mower, or building a robot
- work-related research, such as improving work rosters at a certain workplace or investigating jobs
- subject-related research, such as a historical investigation or a scientific study.

ASSESSMENT: Students will be assessed on a folio demonstrating their research skills, an outcome of their research and their personal reflection on their process of developing their research project and the outcome produced. The Research Project counts towards the calculation of a student's ATAR.

Note: In order to meet the requirements of the SACE, students must receive a 'C-' or better for their project, after school based and external moderation grades are combined. Student will not be able to commence Year 12 until the Research Project is complete.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

INDUSTRY CONNECTIONS

YEAR LEVEL: 11 or 12 (Stage 2) **LENGTH OF SUBJECT: Semester 10 credits, or Year 20 Credits**

PREFERRED BACKGROUND: No pre-requisites**.**

CONTENT: Industry Connections provides students who have an interest in a particular industry area to develop and apply their skills, knowledge and understandings about that industry, while developing their capabilities and employability skills through an industry-related project.
It is designed for students who undertake work experience or work placement as a part of their school timetable. Industry connections may be undertaken by students who are involved in VET study, have a School Based Apprenticeship or Traineeship (SBAT), or who have regular work experience.

ASSESSMENT: Assessment is designed in conjunction with the teacher in an agreed focus area (related to a student's work). Students complete a Work Skills Folio, and Industry Project and a Reflection.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Work experience, employment, work placement and/or an SBAT is a requirement of this course.

THE ARTS SUBJECTS

THE ARTS

Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Music (Semester)	**The Arts** Visual Arts – Semester Drama – Semester	Visual Arts (Semester)	Visual Arts (Semester)	Visual Arts or Design 10 credits	Visual Arts – Arts or Design **NOT OFFERED IN 2023** 20 credits
		Music (Semester)	Music (Semester)		
		Drama (Semester)	Drama (Semester)	Drama 10 credits	Drama **NOT OFFERED IN 2023** 20 credits

THE ARTS

VISUAL ART

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Year 9 Art

CONTENT: This course consists of exploring and experimenting with a wide range of media including: drawing, painting, printmaking, design and clay. Related aesthetic studies involve historical and cultural investigations of artists and art styles. All areas developed will contain exercises of a preparatory nature and folio development, leading to major artworks**.**

ASSESSMENT: Folio of developmental work, resolved artwork and written learning reflection of each area studied.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Student may be involved in an excursion to Adelaide (max. cost $25).

MUSIC

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Year 9 Music or at least one year of tuition on an instrument.

CONTENT: In music, students listen to, compose, rehearse, refine, appreciate, respond to, record and perform music from a diverse range of styles, traditions and contexts. They make informed critical judgements about their own music choices, music they interpret and the music they listen to. Students develop their musical literacy as they explore where, how and why music takes place and the elements, materials, skills and processes involved in creating, developing, interpreting and performing musical ideas.

ASSESSMENT: Students will be assessed on their ability to rehearse and refine their instrumental skills through a solo and ensemble performance. They will also arrange and compose music in a particular style, documenting their progress and understanding of the musical elements through reflections and evaluations. They will work individually and collaboratively as they perform, compose, arrange and explore music technology.

SPECIAL REQUIREMENTS/COST OF COURSE: It is advisable that students own (or have access to) the instrument that they are focusing on so they can practice at home.

DRAMA

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Year 9 Drama

CONTENT: Students will develop and extend their expressive skills through taking part in improvisation, voice work, film making, movement, characterisation, role development and performance. They will study different styles of theatre, the theories of different dramatists and the conventions used in performance.

Area of Study:

1. Performance
2. Performance skills and technique
3. Analysis of Dramatists

ASSESSMENT: Creating and performing live theatre pieces**,** inquiries into aspects of the theatre. Creating and editing of a film. And viewing live theatre.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students may be involved in an excursion to view live theatre (max. cost $25).

VISUAL ARTS – ART or DESIGN

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Year 10 Visual Art

CONTENT: Student will choose either Art or Design within the Visual Art subject. Student's express ideas through practical work using drawings, sketches, diagrams, models, prototypes, photographs and/or audio visual techniques leading to resolved pieces. Students have opportunities to research, understand and reflect upon Visual Art/Design works in their cultural and historical contexts**.**

ASSESSMENT: Folio, Practical and Visual Study.

SPECIAL REQUIREMENTS/COSTS OF COURSE: General school fees cover most studio materials. Projects involving additional costs must be met by the students. Some cost may be involved for an excursion to an Art Gallery – approximately $20.

DRAMA

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Year 10 Drama

CONTENT: Students learn to engage meaningfully with others through the creation of original performance pieces and films and by taking on roles such as actor, director, stage manager or lighting director to present scripted theatre.

Areas of Study

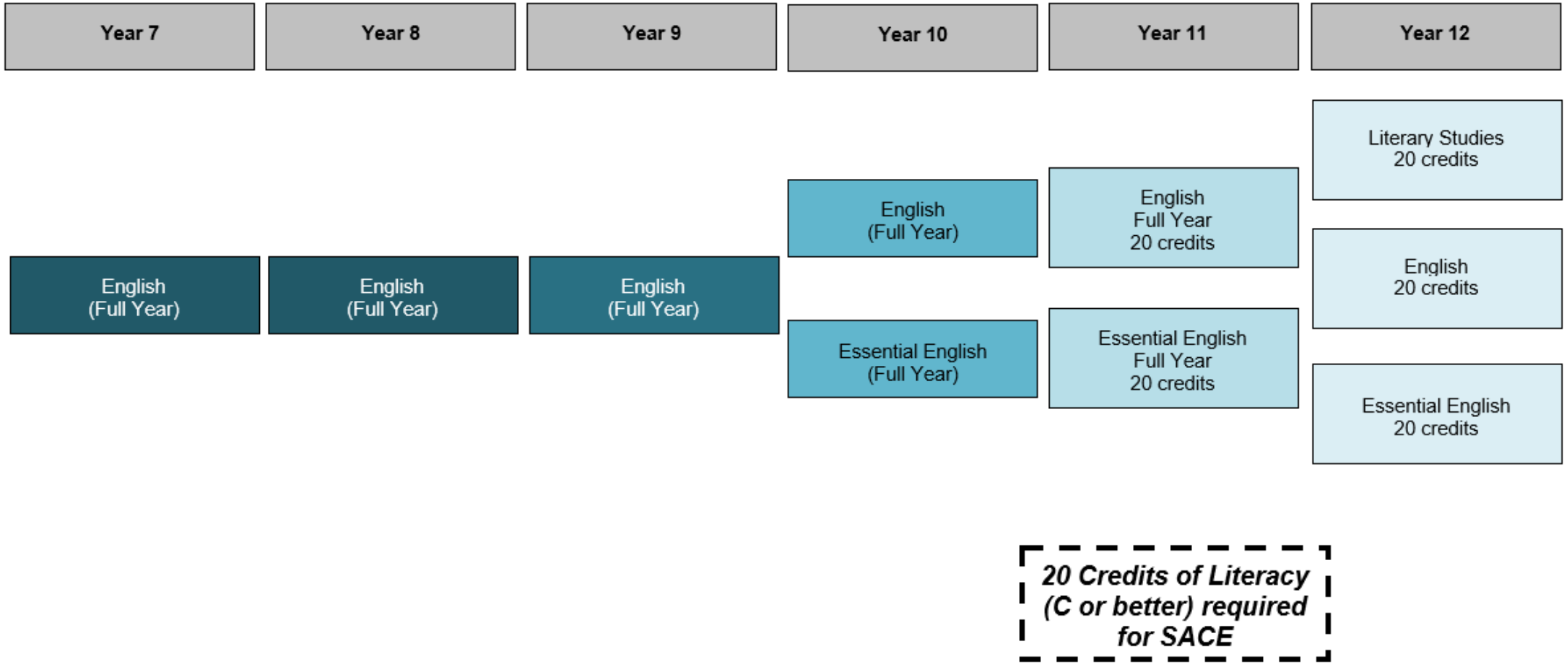
1. Individual and collaborative performance
2. Development of own learning in a variety of roles
3. Reflecting on live performances

ASSESSMENT: Creating and performing theatre pieces and films**,** research on and inquiries into aspects of the theatre and practitioners. Responding to films and live theatre.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students are required to attend a piece of live theatre (max. cost $25).

ENGLISH SUBJECTS

ENGLISH


Year 7
Year 8
Year 9
Year 10
Year 11
Year 12
English (Full Year)
English (Full Year)
English (Full Year)
English (Full Year)
Essential English (Full Year)
English Full Year 20 credits
Essential English Full Year 20 credits
Literary Studies 20 credits
English 20 credits
Essential English 20 credits
20 Credits of Literacy (C or better) required for SACE

ENGLISH

ENGLISH

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Full Year**

PREFERRED BACKGROUND: Successful completion of Year 9 English.

CONTENT: This is a flexible program that focuses on the skills and strategies required to interpret a range of texts. Aligned with the Australian Curriculum, it is designed to improve students' analytical and creative writing skills, in both receptive and productive modes.

ASSESSMENT: Students will be assessed across written and verbal tasks.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

ESSENTIAL ENGLISH

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Full Year**

PREFERRED BACKGROUND: Successful completion of Year 9 English.

CONTENT: This flexible program focuses on personal growth and the development of all English skills: reading, writing, listening, speaking, participating and viewing. In this subject, students respond to and create texts in a range of personal, social, cultural, community and/or workplace contexts. Students understand themes and ideas in texts, and consider ways in which language choices are used to create meaning.

ASSESSMENT: All aspects of this course are assessed. Students demonstrate evidence of their learning through the following assessment types: Receptive Mode and Productive Mode.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

ENGLISH

YEAR LEVEL: 11 LENGTH OF SUBJECT: Full Year (Compulsory) 20 Credits

PREFERRED BACKGROUND: Successful completion of Year 10 English.

CONTENT: In English, students analyse the interrelationship between author, text, and audience with an emphasis on how language and stylistic features shape ideas and perspectives in a range of contexts. An understanding of purpose, context, and audience is applied in students' own creation of imaginative, interpretive, analytical, and persuasive texts that may be written, oral, and/or multimodal.

ASSESSMENT: Students demonstrate evidence of their learning in Stage 1 English through the following assessment types: Responding to Texts, Creating Texts and Intertextual Study.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil

ESSENTIAL ENGLISH

YEAR LEVEL: 11 LENGTH OF SUBJECT: Full Year (Compulsory) 20 Credits

PREFERRED BACKGROUND: Successful completion of Year 10 English/Essential English.

CONTENT: In this subject, students respond to and create texts in a range of personal, social, cultural, community, and/or workplace contexts. Students understand and interpret information, ideas, and perspectives in texts, and consider ways in which language choices are used to create meaning.

ASSESSMENT: Students demonstrate evidence of their learning in Stage 1 Essential English through the following assessment types: Responding to Texts and Creating Texts.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil

ENGLISH

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Year 11 English**.**

CONTENT: In Stage 2, English students read and view a range of texts. In comparing texts, students analyse the relationships between language and stylistic features, text types, and contexts. Through close study of texts, students explore relationships between content and perspectives, as well as the text and its context.

ASSESSMENT: Students complete: three assessments for Responding to Texts, four assessments for Creating Texts – including a Writer's Statement, and one Comparative Analysis.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

LITERARY STUDIES

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Year 11 English**.**

CONTENT: Stage 2 Literary Studies focuses on the skills and strategies of critical thinking needed to interpret texts. Through shared and individual study of texts, students encounter different opinions about texts, have opportunities to exchange and develop ideas, find evidence to support a personal view, learn to construct logical and convincing arguments, and consider a range of critical interpretations of texts. By focusing on the creativity and craft of the authors, students develop strategies to enhance their own skills in creating texts.

ASSESSMENT: Students complete: four assessments for Responding to Texts, two assessments for Creating Texts, one Comparative Analysis and one Critical Reading.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

ESSENTIAL ENGLISH

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Year 11 English or Essential English**.**

CONTENT: In this subject, students respond to and create texts for a range of personal, social, cultural, community, and/or workplace contexts. Students understand and interpret information, ideas, and perspectives in texts, and consider ways in which language choices are used to create meaning.

ASSESSMENT: Students provide evidence of their learning through seven assessments, including the external assessment component. Students complete: three assessments for Responding to Texts, three assessments for Creating Texts, and one Language Report.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HEALTH AND PHYSICAL EDUCATION SUBJECTS

HEALTH AND PHYSICAL EDUCATION

Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
HPE (Semester)	**HPE** HPE – 3 Terms Home Ec. – 1 Term	HPE (Semester)	HPE (Semester)	Physical Education 1 10 credits	Physical Education 20 credits
		PE Specialist (Semester)	PE Specialist (Semester)	Physical Education 2 10 credits	
		Home Economics (Semester)	Home Economics (Semester)	Food and Hospitality 10 credits	Food and Hospitality 20 credits

HEALTH AND PHYSICAL EDUCATION

HEALTH AND PHYSICAL EDUCATION (compulsory)

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Completion of Year 9 Health and Physical Education.

CONTENT: The course is aligned with the Australian Curriculum content and will cover the following areas through a range of practical and classroom activities.

Practical concepts: Fundamental movement skills, games and sports, challenge and adventure activities, lifelong physical activities, and the health benefits of physical activity will be covered through the sports of Badminton, Archery, Kayaking, recreation sports (inc. orienteering) and fitness activities.

Health concepts: Relationships and sexuality, sports psychology and health promotion.

ASSESSMENT: Health promotion through recreation sports, sexual health folio, sports psychology.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

PHYSICAL EDUCATION - Specialist

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Successful completion of Year 9 Health and Physical Education and demonstrated a positive approach to physical activity.

CONTENT: Students develop skills in activities such as swimming, athletics, basketball, touch football, volleyball, fitness conditioning and cross country running. Emphasis is placed on skill acquisition, self and group organisation, cooperation, leadership skills and ways to improve performance. Theory topics include Biomechanics, skill acquisition and rules for each sport.

ASSESSMENT: Biomechanics in athletics, activity analysis, skill acquisition task.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil

HOME ECONOMICS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Year 9 Home Economics but not essential.

CONTENT: **Textiles:** Through theory and applying that theory to a practical context, students will develop knowledge and skills in the use of fabric to create a clothing related garment or home furnishings which may involve using recycled materials.
Food: This is a skills based course that focuses on food preparation and presentation skills. Through practical cooking sessions and theory surrounding food, students will understand the principles of food safety, preservation, preparation and presentation of food as well as investigate the changing nature of Australian cuisine.

ASSESSMENT: Practical and theory**.**

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will be required to bring some food ingredients for practical assessments. Students will need to supply their own fabric for sewing of their practical projects.

PHYSICAL EDUCATION – 1

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Year 10 HPE, PE and demonstrated a positive approach to physical activity and skill development.

CONTENT: The study of PE comprises two sections: Performance Improvement (60%) and Physical Activity Investigation (40%). Students will develop skills in Touch Football, Volleyball and Badminton.

Theory covers Training Principles and Methods, and Exercise Physiology. Emphasis is placed on skill development, cooperation, initiative, leadership and Data collection, and analysis.

ASSESSMENT: Physiology and Improvement analysis, Physical activity investigation.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

PHYSICAL EDUCATION – 2

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Year 10 HPE, PE, and demonstrated a positive approach to physical activity and skill development.

CONTENT: The study of PE comprises two sections: Performance Improvement (60%) and Physical Activity Investigation (40%). Students will develop skills in Golf, Bushwalking, Lawn Bowls, Kayaking and Recreation Sports.

Theory covers Biomechanics and physiological/social enablers and barriers to participation.

ASSESSMENT: Biomechanics in Golf, Physical activity investigation (Recreation sports).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil

FOOD AND HOSPITALITY

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Year 9 or 10 Home Economics.

CONTENT: in this practically orientated subject, students explore the diverse purposes of the hospitality industry in meeting the needs of local people and visitors and examine factors that influence people's food choices. Students participate in individual and collaborative activities with the emphasis on food knowledge, preparation and presentation skills. They develop their ability to think critically and to solve problems through practical and research tasks.

ASSESSMENT: School-based Assessment: Practical Activities, Group Activity and Investigation.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will be required to bring some food ingredients for summative assessments – three in total for the semester.

PHYSICAL EDUCATION

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: Successful completion of one unit of Stage 1 Physical Education. Students must have displayed a positive attitude and approach to Physical Education courses.

CONTENT:
Stage 2 Physical Education has three focus areas:
Focus Area 1: In movement (eg. energy systems, training, biomechanics, analysis of tactics)
Focus Area 2: Through movement (eg. psychology, barriers/enablers to physical activity)
Focus Area 3: About movement. (eg: learning processes)
Learning is delivered through an integrated approach where opportunities are provided for students to undertake, and learn through, a wide range of physical activities (eg. sports, theme-based games, laboratories, and fitness and recreational activities).
Students explore movement concepts and strategies through these physical activities to promote and improve participation and performance outcomes.
The exact physical activities that are participated in can be negotiated as a group, and may include (but are not limited to): volleyball, badminton, kayaking and touch football and European handball.

ASSESSMENT: School Assessment: Assessment Type 1: Diagnostics - Students participate in one or more physical activities and collect and analyse data related to the physical activity, and theory concepts (eg. exercise physiology or biomechanics). Assessment Type 2: Improvement Analysis - Students design a plan to improve in a particular area (eg. a fitness program). They evaluate its effectiveness. External Assessment**:** Assessment Type 3: Group Dynamics **-** Students take on one or more roles in a sport competition. They plan, implement and reflect on their participation in the completion (eg. as a fitness coach, tactical coach etc).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil

FOOD AND HOSPITALITY

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: It is preferred that students have studied one or more semesters of Home Economics in Year 10 and 11.

CONTENT: Students study topics within the following five areas of study: Contemporary and Future Issues; Economic and Environmental Influences; Political and Legal Influences; Sociocultural Influences; Technological Influences.

Students require good skills in food preparation and presentation and the ability to communicate well. Students are expected to be able to work both independently and as part of a working group.

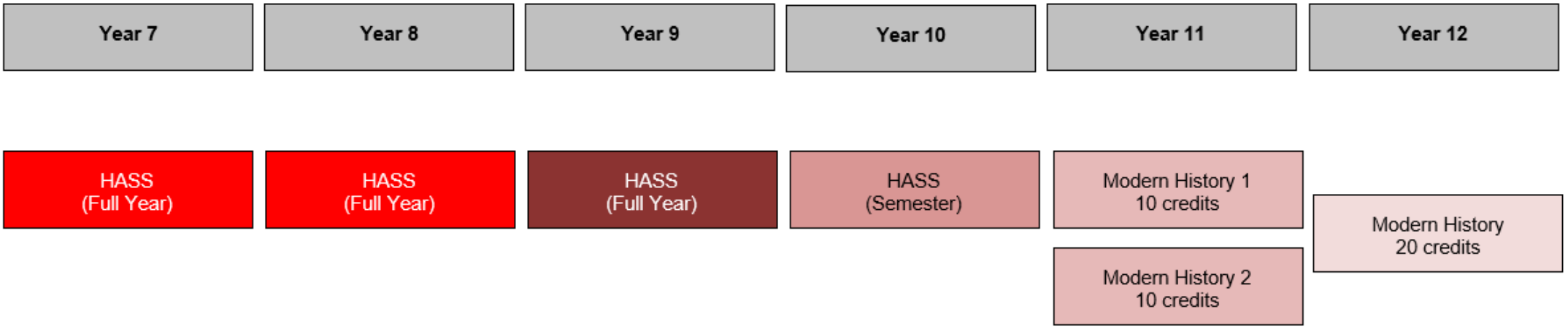
ASSESSMENT: Group activity, practical activity and investigation. Each practical activity consists of an action plan or research task and some practical applications will also include an individual evaluation report. The group activity consists of group decision making, a group practical application and an individual evaluation report. The Investigation is ‘student driven’ and is externally moderated.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will be required to bring some food ingredients for summative assessments – six in total for the year.

*Some out-of-hours catering/food preparation may form a part of this course.

HUMANITIES AND SOCIAL SCIENCES SUBJECTS

HUMANITIES AND SOCIAL SCIENCES (HASS)



HUMANITIES AND SOCIAL SCIENCES (HASS)

HASS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: The Year 10 curriculum provides a study of the history of the modern world and Australia from 1918 to the present, with an emphasis on Australia in its global context. The transformation of the modern world during a time of political turmoil, global conflict and international cooperation provides a necessary context for understanding Australia's development, its place within the Asia-Pacific region, and its global standing.

ASSESSMENT: All facets of the course are designed to be inclusive to all learning abilities. Assessments will include formal reports and essays, tests, multimedia presentations and group projects.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

MODERN HISTORY - 1

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: No pre-requisites**.**

CONTENT: In the study of Modern History at Stage 1, Students explore changes within the world since 1750, examining developments and movements of significance, the ideas that inspired them, and their short and long term consequences on societies, and individuals. Students explore the impacts that these developments and movements had on people's ideas, perspectives, and circumstances. Our topics include: Genocide and the Vietnam War and an Individual Investigation Assignment. The course also contains the use of films rated MA15+, to compliment students' learning.

ASSESSMENT: Assessment will take the form of written assignments, film reviews, research tasks, oral presentations, group work and tests. Essay writing technique and evidence skills – important for success in Year 12 studies –will be focused on.

SPECIAL REQUIREMENTS/COST OF COURSE: Nil.

MODERN HISTORY - 2

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Semester 1 Modern History and/or good literacy skills**.**

CONTENT: Semester 2 Modern History can be a follow on from Semester 1 Modern History, or taken as a stand-alone 10 credit course. As in Semester 1, students will explore some major events from 1750 to today including revolutions and a deeper look into the Nazi Holocaust. This course will also prepare student for Stage 2 Modern History. This course contains the use of films rated MA15+ to complement the students' learning.

ASSESSMENT: Assessment will take the form of written assignments, film reviews, research tasks, oral presentations, group work and tests. Essay writing technique and evidence skills – important for success in Year 12 studies –will be focused on.

SPECIAL REQUIREMENTS/COST OF COURSE: Nil

MODERN HISTORY

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: Completion of Modern History at Stage One to a high standard is preferred, but not essential if students have strong literacy skills**.**

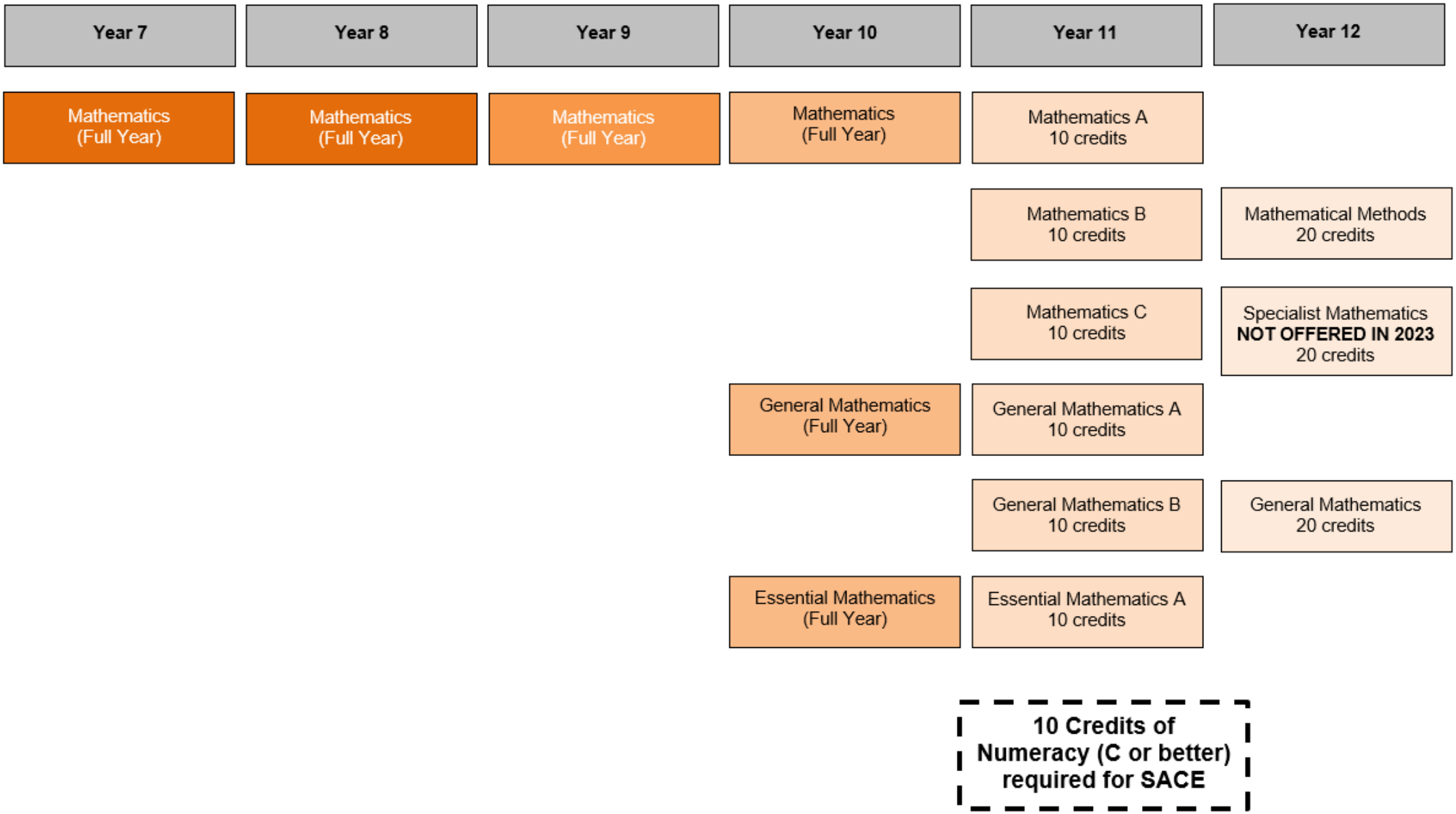
CONTENT: Students will study two topics and complete a historical study on a topic of their choice. The topics covered will be, Modern Nations: Germany 1914-1948 and the Changing World Order – the Cold War. The third component will be a Historical Study - in this study students undertake an individual historical study based on an aspect of the world since *c.*1750. Students inquire into, explore, and research a historical idea, event, person, or group in depth. They interpret and synthesise evidence to support their argument and draw conclusions. The final component of the course will be an examination. The course will include the use of several films and documentaries, some of which are rated MA15+.

ASSESSMENT: Folio, Individual Essay and Exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: A revision guide may be available at a cost of approximately $50.

MATHEMATICS SUBJECTS

MATHEMATICS



MATHEMATICS

MATHEMATICS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Year**

PREFERRED BACKGROUND: Successful completion of Year 9 Mathematics at a B or above.

CONTENT: This course is designed for those students interested in studying Pure Mathematics and Higher Order Applied Mathematics at senior school. Students develop skills in Trigonometry, Functions and Polynomials, Statistics, Geometry, Surds and Logarithms.

ASSESSMENT: Folio and Skills tests.

SPECIAL REQUIREMENTS: Graphics calculator approximately $250.

GENERAL MATHEMATICS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Year**

PREFERRED BACKGROUND: Successful completion of Year 9 Mathematics.

CONTENT: This course is designed for students to develop higher order problem solving skills required for General Mathematics at Stage 1. Students develop skills in Financial Mathematics, including: Simple and Compound Interest, Function and Graphing, Measurement and Geometry, Number and Algebra and Statistics and Probability.

ASSESSMENT: Folio and Skills tests.

SPECIAL REQUIREMENTS: Graphics calculator approximately $250.

ESSENTIAL MATHEMATICS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Year**

PREFERRED BACKGROUND: Completion of Year 9 Mathematics.

CONTENT: This course is designed to develop Mathematics skills for the general work force. Students work with the teacher to design a program based on Number, Measurement, Statistics, Using Excel and Budgeting.

ASSESSMENT: Folio and Skills.

SPECIAL REQUIREMENTS: Scientific calculator from the book room ($25).

MATHEMATICS A

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Year 10 Mathematics.

CONTENT: Topic 1: Functions and Graphs; Topic 2: Polynomials; Topic 3 Trigonometry.

ASSESSMENT: Skills and Assessment Tasks, Tests and Exam; Mathematical Investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics calculator approximately $250.

MATHEMATICS B

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Mathematics A.

CONTENT: Topic1; counting and Statistics; Topic 2: Growth and Decay; Topic 3: Introduction to Differential Calculus.

ASSESSMENT: Skills and Assessment Tasks, Tests and Exam; Mathematical Investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics calculator approximately $250.

MATHEMATICS C (Specialist Mathematics)

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

*NB: This is essential for students wanting to do Specialist Mathematics at Stage 2***.** *Please note – this is likely to be done by correspondence, but the school will provide tutorial support of 1 or 2 extra lessons***.**

PREFERRED BACKGROUND: Highly successful completion of Mathematics A.

CONTENT: Topic 1: Arithmetic and Geometry Sequences and Series; Topic 2: Geometry; Topic 3: Vectors in Plane; Topic 4: Further Trigonometry; Topic 5: Matrices; Topic 6: Real and Complex Numbers.

ASSESSMENT: Skills and Application Tasks, Tests and Exam; Mathematical Investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics calculator approximately $250.

GENERAL MATHEMATICS A

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: At least two semesters of Year 10 Mathematics or General Mathematics.

CONTENT: Topic 1: Investing and Borrowing; Topic 2: Measurement; Topic 3: Statistical Investigation.

ASSESSMENT: Skills and Assessment Tasks (Tests and Exam), Mathematical Investigation.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics calculator approximately $250.

GENERAL MATHEMATICS B

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of one semester of Stage 1 Mathematics or General Mathematics

CONTENT: Topic 1: Application of Trigonometry; Topic 2: Linear and Exponential functions and their Graphs; Topic 3: Matrices and Networks.

ASSESSMENT: Skills and Application Tasks (Tests and Exam), Mathematical Investigation.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics calculator approximately $250.

ESSENTIAL MATHEMATICS A

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Completion of Year 10 Mathematics.

CONTENT: Topic 1: Calculations, Time and Ratio; Topic 2: Earning and Spending; Topic 3: Geometry.

ASSESSMENT: Skills and Application Tasks (Tests), Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Scientific calculator approximately $25.

MATHEMATICAL METHODS

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Stage 1 Mathematics A and B.

CONTENT: Topic 1: Further Differentiation and Applications; Topic 2: Discrete Random Variables; Topic 3: Integral Calculus; Topic 4: Logarithmic Functions; Topic 5: Continuous Random Variables and the Normal Distribution; Topic 6: Sampling and Confidence Intervals.

ASSESSMENT: Skills and Application Tasks, Mathematical Investigations, Examination – 3 hours.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Mathematics Revision Guide, approximately $25 each. Students are required to have a graphics calculator approximately $250.

GENERAL MATHEMATICS

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Stage 1 General Mathematics or Stage 1 Mathematics.

CONTENT: Topic 1: Share Investments; Topic 2: Modeling with Linear Relationships; Topic 3: Statistical Models; Topic 4: Financial Models; Topic 5: Discrete Models.

ASSESSMENT: Five Skills and Assessment Tasks, Two Folio Tasks, Examination – 2 hours.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Mathematics Revision Guide, approximately $25 each. Students are required to have a graphics calculator at approximately $250 new.

SCIENCE SUBJECTS

SCIENCE

Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Science (Full Year)	Science (Full Year)	Science (Full Year)	Science (Full Year)	Physics A Semester 1 10 credits	Physics 20 credits
				Physics B Semester 2 10 credits	
				Biology 1 Semester 1 10 credits	Biology 20 credits *(Biology Scientific Studies – can be studied as a variant of this subject)*
				Biology 2 Semester 2 10 credits	
				Chemistry A Semester 1 10 credits	Chemistry 20 credits *(Chemistry Scientific Studies – can be studied as a variant of this subject)*
				Chemistry B Semester 2 10 credits	
Agriculture (Semester)		Agricultural Studies 1 (Semester)	Agricultural Studies 1 (Semester)	Agricultural Studies 1 Viticulture and Wine Production 10 credits	Agriculture Production 20 credits *(Ag Community Connections – can be studied as a variant of this subject)*
		Agricultural Studies 2 (Semester)	Agricultural Studies 2 (Semester)	Agricultural Studies 2 Animals and Cropping 10 credits	

SCIENCE

SCIENCE

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Full Year**

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This course is designed to introduce students to all four sciences: Biology, Chemistry, Earth Science and Physics. It exposes students to an inquiry based approach, developing high order problem solving skills and abstract scientific thinking. They will learn how to use fine motor skills, observation, measuring devices while doing experiments and predict the outcomes of these experiments. This will be done through the topics: 'Genetics and Evolution' (Biological Science), 'Atomic Structure and Reactions' (Chemical Science), 'Energy Conservation and Motion' (Physical Science) and 'Universe and Global Systems' (Earth and Space Science).

ASSESSMENT: Skills and Assessment Tasks, Folio, Tests and Exams.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

AGRICULTURAL STUDIES 1

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Successful completion of Year 9 Agricultural Studies or Science.

CONTENT: This Agriculture subject covers primarily Horticulture as well as Pig Husbandry and the preparation of Sheep for the Adelaide Show.

ASSESSMENT: Agricultural Reports (Deconstruction Practical and SHE tasks), Applications (Research and Practical Investigation) and Farm Work Skills (Farm & Animal Handling skills).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions.
NB: Only students who undertake a full year of Agriculture will be eligible for the Adelaide Show competition.

AGRICULTURAL STUDIES 2

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Successful completion of Year 9 Agricultural Studies or Science.

CONTENT: This Agricultural subject will cover animal husbandry involving Sheep, Pigs and some Horticulture.

ASSESSMENT: Agricultural Reports (Deconstruction Practical and SHE tasks), Applications (Research and Practical Investigation) and Farm Work Skills (Farm & Animal Handling skills).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions.
NB: Only students who undertake a full year of Agriculture will be eligible for the Adelaide Show competition.

PHYSICS A

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Science in Year 9 and 10.

CONTENT: Students are introduced to the language and symbols of Physics. They analyse linear motion and force in one dimension, and electric circuits. Students carry out experiments and use tables and graphs to explore these concepts of physics.

ASSESSMENT: Skills and Application Tasks (Tests and Exams), Folio (Practicals, skills and inquiry tasks and Science as a human Endeavour task.).

SPECIAL REQUIREMENTS/COSTS OF COURSE: SACE Revision Guide.

PHYSICS B

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Stage 1 Physics A.

CONTENT: Students apply their understanding of motion and force from Physics A to develop conceptual understanding of momentum and energy. They examine wave phenomena and apply this knowledge to sound and light, and consider the structure of the atom. Students carry out experiments and use tables and graphs to explore these concepts of physics.

ASSESSMENT: Skills and Application Tasks (Tests and Exams), Folio (Practicals, skills and inquiry tasks and Science as a human Endeavour task.).

SPECIAL REQUIREMENTS/COSTS OF COURSE: SACE Revision Guide.

BIOLOGY 1

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Completion of Year 10 Science**.**

CONTENT: There are two distinct areas of study in this course; ‘cells and microorganisms’ and ‘infectious disease’.

Cells and microorganisms: students will understand structure and function of cells and their components, multicellular organisms existing as multiple interdependent and hierarchically-organised systems that enable exchange of matter and energy with their immediate environment, including obtaining nutrients, exchanging gases, growth and repair. Students will use science inquiry skills to explore the relationship between cell structure and function and consider ethical considerations that apply to the use of living organisms in research.

Infectious disease: students examine various pathogens, spread, control and immune system response. They learn the components of the immune system and investigate ethical decisions surrounding disease control.

ASSESSMENT: Folio (Deconstruction practical and Science as a Human Endeavour tasks), Skills and Applications Tasks, exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

BIOLOGY 2

YEAR LEVEL: 11 LENGTH OF SUBJECT: Semester 10 credits

PREFERRED BACKGROUND: Completion of Stage 1 Biology 1.

CONTENT: The two topics for this course include: 'BIODIVERSITY AND ECOSYSTEMS and 'multicellular organisms'.
Multicellular organisms: students examine structure/function of multicellular organisms and investigate human/plant systems, including circulatory, respiratory, excretory and digestive.

Biodiversity and ecosystem dynamics: students will look at the classification of living organisms, biotic and abiotic factors that affect living things, relationships between species in ecosystems, biochemical cycling, food webs, water and nutrient cycles, human activity and biodiversity. Students will be involved in a camp which will involve collecting and analysing first-hand data from local ecosystem interactions.

ASSESSMENT: Investigation Folio (Practical and Science as a Human Endeavour tasks), Skills and Applications Tasks, Camp book and exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: $80 for Monarto Zoo and Yookamurra camp.

CHEMISTRY A

YEAR LEVEL: 11 LENGTH OF SUBJECT: Semester 10 credits

PREFERRED BACKGROUND: Successful completion of Year 10 Science.

CONTENT: This Chemistry subject covers: The atom and its structure; chemical bonding; chemical reactions and reaction types; organic (carbon) chemistry. Students will have the opportunity to carry out numerous practical activities to reinforce scientific theory. Major practical activities include: Beer brewing using fermentation and analysis of carbon dioxide levels; solubility of fertilisers.

FURTHER STUDY: This unit should be undertaken by students who are interested in the topics and/or wish to study Chemistry at Stage 2, or beyond.

ASSESSMENT: Skills and Application Tasks (Tests/Exams), Investigations Folio (Practical and Science as a Human Endeavour).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students must have access to a scientific and/or graphics calculator.

CHEMISTRY B

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Stage 1 Chemistry A.

CONTENT: This Chemistry subject covers: Electrochemistry (batteries and electrolysis); chemical quantities and calculations; volumetric analysis (titrations); acids and bases. Students will have the opportunity to carry out numerous practical activities to reinforce scientific theory. Major practical activities include: Design practical involving electrochemistry; comparison of acid content in food products.

FURTHER STUDY: This unit should be undertaken by students who are interested in the topics and/or wish to study Chemistry at Stage 2, or beyond.

ASSESSMENT: Skills and Application Tasks (Tests/Exams), Investigations Folio (Practical and Science as a Human Endeavour).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students must have access to a scientific and/or graphics calculator.

AGRICULTURAL STUDIES 1 – VITICULTURE AND WINE PRODUCTION

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: A pass at Year 10 Agriculture or Year 10 Science.

CONTENT: Student's study the Viticulture regions of Australia; conduct a grape maturity sugar trial, and the background to the theory components of wine production. Student's will be involved in all 'hands-on' practical aspects of commercial wine production at the school from monitoring through to bottling.

ASSESSMENT: Agricultural Reports (Deconstruction Practical and SHE tasks), Applications (Research and Practical Investigation) and Farm Work Skills (Farm & Animal Handling skills).

SPECIAL REQUIREMENTS/COSTS OF COURSE: This course involves an early start one morning to harvest the grapes.

AGRICULTURAL STUDIES 2 – ANIMALS AND CROPPING

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Successful completion of Year 10 Agriculture or Year 10 Science.

CONTENT: A course providing background for Year 12 Agriculture and Biology. Students learn Animal Husbandry and cropping knowledge.

ASSESSMENT: Agricultural Reports (Deconstruction Practical and SHE tasks), Applications (Research and Practical Investigation) and Farm Work Skills (Viticulture skills).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Excursions.

PHYSICS

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: Successful completion of Stage 1 Physics A and B.

CONTENT: Students cover subtopics in motion and relativity, electricity and magnetism, and light and atoms. There are application tasks to reinforce the student's conceptual understanding. Students design and carry out experiments and consider Physics as a human Endeavour.

ASSESSMENT: Skills and Applications Tasks (Tests and Exams) Folio (Practicals, skills and inquiry tasks and Science as a Human Endeavour tasks) and External Exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: SACE Revision Guide $30.

BIOLOGY

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: Successful completion of Stage 1 Biology A and B. Successful completion of other Sciences will be considered.

CONTENT: The topics for Stage 2 Biology are: DNA and Proteins, Cells as the basis of life, Homeostasis and Evolution. The three strands of Science: science inquiry skills, science as a human Endeavour and science understanding are integrated throughout the course.

ASSESSMENT: Investigations Folio (includes two practicals and one Science as a Human Endeavour task), Skills and Applications Tasks (includes four tests) and External Exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: SASTA revisions guide approximately $30 and Biology workbook - $50.

Biology can be studied as a variant: SCIENTIFIC STUDIES - BIOLOGY

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: *Successful completion of Stage 1 Biology A or Biology B. Successful completion of other Sciences will be considered.*

CONTENT: *The topics will follow the Stage 2 Biology course and will include assessments around; Science Inquiry Skills and Science as a Human Endeavour. Topics include health, sports science, nutrition, global debates, diffusion and osmosis and enzymes.*

ASSESSMENT: *Inquiry Folio which includes five tasks, collaborative inquiry and an external individual inquiry.*

SPECIAL REQUIREMENTS/COSTS OF COURSE: *Nil.*

CHEMISTRY

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of two units of Stage 1 Chemistry.

CONTENT: Topics include: Monitoring the Environmental Chemistry, Managing Chemical Processes, Organic and biological Chemistry, Managing Resources. Throughout all topics students will cover Science inquiring Skills.

ASSESSMENT Investigations Folio (Practicals, Science as a Human Endeavour), Skills and Applications Tasks (Tests) and External Exam.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Study guide – Essential Chemistry Workbook, approximately $50. May be cost involved for an excursion.

Chemistry can be studied as a variant: SCIENTIFIC STUDIES - Chemistry

YEAR LEVEL: 12 ***LENGTH OF SUBJECT: Full Year*** ***20 credits***

PREFERRED BACKGROUND: *Successful completion of Stage 1 Chemistry A or Chemistry B. Successful completion of other Sciences will be considered.*

CONTENT: *The topics will follow the Stage 2 Chemistry course and will include assessments around; Science Inquiry Skills and Science as a Human Endeavour.*

ASSESSMENT: *Inquiry Folio which includes five tasks including a SHE task, collaborative inquiry and an external individual inquiry.*

SPECIAL REQUIREMENTS/COSTS OF COURSE: *Nil*

AGRICULTURE PRODUCTION

YEAR LEVEL: 12 **LENGTH OF SUBJECT: Full Year** **20 credits**

PREFERRED BACKGROUND: Successful completion of Stage 1 Agriculture or Stage 1 Science based subjects.

CONTENT: School assessed work will be based on local horticultural and animal husbandry. Externally Assessed work will be an individual Production Investigation, where students will investigate an aspect of the agricultural industry of their choice, and evaluate their production goals.

ASSESSMENT: Agriculture Reports, Applications tasks and an External Production Investigation - a maximum of 1500 words.

SPECIAL REQUIREMENTS/COSTS OF COURSE: The External Production Investigation will require students, in a number of situations, to supply their own equipment and resources needed to run and manage their investigation. Students will need to participate in the Adelaide Show and a small cost will be required.

Agriculture can be studied as a variant: COMMUNITY CONNECTIONS - AGRICULTURE

YEAR LEVEL: 12 ***LENGTH OF SUBJECT: Full Year*** ***20 credits***

PREFERRED BACKGROUND: *Successful completion of Stage 1 Agriculture or Stage 1 Science based subjects.*

CONTENT: *Students will be following the Stage 2 Agriculture course with a focus on Animal Husbandry, local horticulture and preparation for the Adelaide show*

ASSESSMENT: *Five folio tasks and an External Community Application Activity.*

SPECIAL REQUIREMENTS/COSTS OF COURSE: *Students may need to participate in the Adelaide Show and there will be a cost involved.*

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TECHNOLOGY SUBJECTS

TECHNOLOGY

Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Technology (Semester)	**Technology** (Full Year)	Woodwork (Semester)	Woodwork (Semester)	Woodwork Traditional 10 credits	
				Woodwork Creative 10 credits	Design, Technology & Engineering (Material Solutions) 20 credits
		Metalwork (Semester)	Metalwork (Semester)	Metalwork (Material Solutions) 10 credits	
		Electronics (Semester)	Electronics (Semester)	Electronics (Robotic and Electronic Systems)	Electronics **NOT OFFERED IN 2023** 20 credits

TECHNOLOGY

WOODWORK

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Students who have not completed Year 9 Woodwork may lack acquired skills required for Year 10 Woodwork and will find the course challenging.

CONTENT: A unit designed to cover a range of practical processes involved in traditional furniture making, including timber preparation, joint construction and timber finishing. Students will be expected to show proficiency in both hand and machine skills. Problem solving skills and the ability to read and interpret technical drawings will be developed during the course. Students will use CAD to design project ideas.

ASSESSMENT: Students are assessed in accordance with the Australian Curriculum Standards for this curriculum area.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students who use more than the allocated allowance of materials will be expected to pay for the extra material used.

Important Information: This course is compulsory if the student intends to study any future Woodwork.

ELECTRONICS

YEAR LEVEL: 10 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Successful completion of Year 9 Electronics.

CONTENT: Development and construction of Electronic projects which will enhance the student's skills in: circuit design using circuit wizard, printed circuit board manufacture, soldering, fault finding, component identification and use. Due to the nature of the course, there is a theory component.

ASSESSMENT: Students are assessed in accordance with the Australian Curriculum Standards for this curriculum area.

SPECIAL REQUIREMENTS/COSTS OF COURSE: If a student uses more than their allocated amount of materials then they will incur a charge for any extra materials that they use.

Important Information: This course is compulsory if the student intends to study any future Electronics.

METALWORK

YEAR LEVEL: 10 LENGTH OF SUBJECT: 1 Semester

PREFERRED BACKGROUND: Students who have not completed Year 9 Metalwork will lack acquired skills required for Year 10 Metalwork and will find the course challenging.

CONTENT: Students complete practical and theoretical activities designed to improve skills in Oxy welding and metal fabrication, safe and proficient use of power machinery, Arc and M.I.G. Welders and joining techniques. Skills in using a metalwork lathe are also enhanced. Students are expected to develop skills in problem solving and demonstrate an ability to interpret and reproduce ideas in graphic form. Students usually build a major project, using mainly tube and a minor project using arc welding and, thread cutting on the lathe.

ASSESSMENT: Students are assessed in accordance with the Australian Curriculum Standards for this curriculum area.

SPECIAL REQUIREMENTS/COSTS OF COURSE: If a student uses more than their allocated amount of materials then they will incur a charge for any extra materials that they use.

Important Information: This course is compulsory if the student intends to study any future Metalwork.

WOODWORK (Traditional Material Solutions)

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Must have completed Year 10 Woodwork to enroll in this course.

CONTENT: Students complete a series of practical, graphic and written tasks revolving around the construction techniques of solid timber. This is a skills based course with much of the work related to joints, frame construction, use of hand tools, power tools and various woodworking machines to produce an article of furniture. Research, design and a skill-based component are also part of the course.

ASSESSMENT: The SACE Board requires that students complete a series of Design and Practical summative tasks at Stage 1 level.

SPECIAL REQUIREMENTS/COSTS OF COURSE: The basic school fee covers the requirements of the basic course materials and consumable items. Students who elect to produce larger projects or use extra material will need to cover these extra costs.

Important Information: This course is compulsory if the student intends to study any future Woodwork.

WOODWORK (Creative Material Solutions)

YEAR LEVEL: 11 **LENGTH OF SUBJECT: Semester** **10 credits**

PREFERRED BACKGROUND: Must have completed Year 10 or Year 11 (Traditional Material Solutions) Woodwork to enroll in this course.

CONTENT: Students complete a series of practical, graphic and written tasks revolving around the construction techniques. This is a skills based course with much of the work related to furniture construction techniques, use of hand tools, power tools and various woodworking machines to produce an article of furniture. Research, design and a skill-based component are also part of the course.

ASSESSMENT: The SACE Board requires that students complete a series of Design and Practical summative tasks at Stage 1 level.

SPECIAL REQUIREMENTS/COSTS OF COURSE: The basic school fee covers the requirements of the basic course materials and consumable items. Students who elect to produce larger projects or use extra material will need to cover these extra costs.

Important Information: This course is compulsory if the student intends to study any future Woodwork.

ELECTRONICS (Robotic and Electronic Systems)

YEAR LEVEL: 11 LENGTH OF SUBJECT: Semester 10 credits

PREFERRED BACKGROUND: Successful completion of Year 10 Electronics.

CONTENT: Development and construction of Electronic projects which will enhance the student's skills in: circuit design using circuit wizard, printed circuit board manufacture, soldering, fault finding, component identification and use. Due to the nature of the course, there is a theory component.

ASSESSMENT: SACE Board requirements: Skills and Material investigation task, Folio task and Product task.

SPECIAL REQUIREMENTS/COSTS OF COURSE: If a student uses more than their allocated amount of materials then they will incur a charge for any extra materials that they use.

Important Information: This course is compulsory if the student intends to study any future Electronics.

METALWORK (Material Solutions)

YEAR LEVEL: 11 LENGTH OF SUBJECT: Semester 10 credits

PREFERRED BACKGROUND: Students must have previous experience in Metalwork at Year 10.

CONTENT: Students complete a series of tasks using mainly solid and tubular materials. This is a skills based course with much of the work related to Machining, Arc, Fusion, Braze and MIG welding. The metal and computer controlled lathes are used in the course. Designing and researching also make up a section of the course. Students build a bar clamp as a skills task. A free choice project is to be negotiated with the teacher, before beginning design fabrication.

ASSESSMENT: The SACE Board requirements: Skills and Material investigation task, Folio task and Product Task.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Part of the school fee covers the basic course. This covers materials used for projects and consumable items (eg. welding electrodes). Students will need to meet the cost of extra materials for their major projects.

Important Information: This course is compulsory if the student intends to study any future Metalwork.

DESIGN, TECHNOLOGY & ENGINEERING (Material Solutions)

YEAR LEVEL: 12 LENGTH OF SUBJECT: Full Year 20 credits

PREFERRED BACKGROUND: Successful completion of Year 11 Woodwork/Metalwork.

CONTENT: Students studying this course are exposed to various construction techniques involving wood construction and where necessary welding and fabrication of metal.

ASSESSMENT: Assessment will be stipulated by the SACE Board and will revolve around Design, Technology and Engineering or Integrated Learning or Community Studies learning areas. The learning area will be determined by the teacher and cohorts needs.

SPECIAL REQUIREMENTS/COSTS OF COURSE: The basic school fee covers the requirements of basic course materials and consumable items. Students who elect to produce larger projects or use extra materials will need to meet the cost above the basic fee.

VOCATIONAL EDUCATION TRAINING

Regional Vocational Education and Training (VET) PROGRAMS

What is Vocational Education and Training (VET)?

VET refers to national vocational qualifications that are endorsed by industry. VET also includes developing specific industry-related skills through:

- off-the-job learning – at school or with another training provider and
- on-the-job learning – at one or more workplaces.

Students with VET qualifications are well prepared to take on apprenticeships (including School-Based Apprenticeships), further training and skilled jobs.

What are Riverland Regional VET Programs?

The aim of our Regional VET programs is to provide Year 11 and 12 students in Riverland schools with increased pathway options through the provision of a wide range of VET choices. Regional VET programs are hosted by schools and Registered Training Organisations (RTOs) and are available for students from Riverland schools to enrol in.

A list of Regional VET Programs being offered is provided below. For more information on specific VET programs please contact the VET coordinator.

What are the benefits of choosing VET?

Some of the benefits are:

- gaining a nationally-recognised qualification while completing your SACE
- getting a 'head start' in your chosen career
- making your senior school studies more relevant and interesting
- providing opportunities to learn 'on-the-job' while undertaking workplace learning
- gaining skills and knowledge that employers seek in their employees
- providing pathways into apprenticeships, traineeships, further education or training, and direct employment.

How will doing a VET Program contribute to my SACE?

The recognition arrangements for VET in the SACE enable students to include significant amounts of VET in their SACE studies. Students can gain recognition for up to 150 SACE credits at Stage 1 and/or Stage 2 for successfully completed VET.

Within these 150 VET assessed credits students must also fulfil the literacy and numeracy requirements of the SACE. The remaining 20 SACE credits are derived from the Personal Learning Plan (10 credits) and the Research Project (10 credits). Students can use a vocational context in completing these subjects (ie can be related to your VET program).

Each course offered as part of our Regional VET Programs provides SACE information relevant to that particular program (ie number of SACE credits and SACE stage). Please refer to the detailed information about each program from your VET Coordinator for more information about VET in the SACE or visit the SACE Board website:
www.sace.sa.edu.au/subjects/recognised-learning/vet-vocational-education-and-training.

Will I have to pay to participate in a Regional VET Program?

The cost of each course is $100 (subsidised by the school, and the Department for Education).

Any extra cost associated with the course (e.g. safety equipment, ID card, materials, TAFE uniform) are the responsibility of parents/caregivers.

If you have any queries regarding financial assistance then please contact Felicity Ziegler.

How will I travel to my VET program?

Many of the courses take place in towns around the Riverland. Transport to all VET programs is provided by a bus which departs from the Recreation Centre car park each Thursday morning at 8am. The bus returns at 5pm. **All students** are expected to catch the bus. Any exceptions to this **MUST** be approved by the school.

Will doing a VET program affect my other subjects?

Your VET course is counted as a school subject and should be treated as such; however some students may miss lessons for other subjects while at their VET program. This will depend upon your timetable, the VET program you are enrolled in, and the number of other subjects you are studying at School. You will need to be well organised and prepared to catch up with any work missed by working closely with your subject teachers and VET Coordinator.

Will I need to need to do some workplace learning as part of my VET program?

Many VET programs require students to undertake Structured Workplace Learning (SWL). This involves learning opportunities related to your VET program in a real or simulated workplace. These placements provide on-the- job training and mentoring to develop your technical and employability skills.

The Department for Education provides guidelines for all South Australian students. Before participating in workplace learning, your school will ensure you have participated in an orientation program which includes:

- Occupational Health and Safety (OHS) in the workplace
- insurance arrangements and implications
- equal opportunity and harassment in the workplace
- child protection
- Specific requirements of the workplace provider.

Before participating in workplace learning, you will also need to complete a Workplace Learning Agreement Form from School, and ensure that it is signed by all parties (student, parent/caregiver, work placement provider and Principal). Please see your Home School VET Coordinator for a copy of your school's Workplace Learning Agreement Form.

What Regional VET Programs can I enrol in for 2023?

Below is a current list of the programs offered in 2023.

The program information following was correct at the time of printing. There is also a possibility that new programs will be added. It is not guaranteed that all programs will run, as formation of classes is based on viable numbers of students selecting programs.

VET Programs

Available VET courses are listed below.

NOTE: most can be studied at either year 11 or year 12.

2023 Course	Cert Level	ATAR	SACE STAGE	Notes
Allied Health	Cert 3	YES	2	1.5 years
Automotive Mechanical	Cert 2	NO	2	1.5 years
Conservation Ecosystems Management	Cert 2	NO	1	
Construction Pathways	Cert 2	NO	1	6 months
Construction Advanced Skills Cluster (Year 12)	Cert 3	NO	2	Complete CP first. 9 fortnights
Early Childhood Education & Care	Cert 3	YES	2	1.5 years
Electrotechnology	Cert 2	NO	2	1.5 years
Engineering/Metal Fabrication/Welding	Cert 2	NO	2	
Hairdressing/Salon Assistant	Cert 2	NO	1	
Horticulture	Cert 2	NO	1	
Hospitality	Cert 2	NO	1	
Individual Support (Aged Care/Nursing OR Disability)	Cert 3	YES	2	
Information Technology	Cert 3	YES	2	
Kitchen Operations/Cooking	Cert 2	NO	1	
Rural Operations/Animal Studies	Cert 3	YES	2	1.5 years
Screen & Media	Cert 3	YES	2	Online

Further information can be found at:
https://rsa.eschoolsolutions.com.au/pages/public/viewcourses.aspx

AUSTRALIAN SCHOOL BASED APRENTICESHIP OR TRINEESHIPS (SBATs)

ASBA - SCHOOL-BASED APPRENTICESHIPS

SBAT – School Based Apprenticeship or Traineeship

What is a School Based Apprenticeship or Traineeship (SBAT)?

A School-Based Apprenticeship or Traineeship is a great way to start your career while completing your SACE. SBATs allow senior school students to combine paid work, training and school, while working towards their SACE and a nationally- recognised qualification.

Students undertaking SBATs commence a Contract of Training through a part-time Apprenticeship or Traineeship. They learn skills (competencies) on-the-job and through training with a Registered Training Organisation.

What are the benefits of undertaking a School Based Apprenticeship or Traineeship?

- Getting a head start in your chosen job without competing with the rest of the school leavers in the State
- Earning credits as part of your training which accrue towards your SACE
- Starting to complete time off of your contract of training term
- Starting your career and earning money while you are still at school
- Working towards or gaining a nationally recognised qualification - Gaining hands-on experience in a career-orientated job - Having adult responsibility as a member of the workforce.

Does an Australian School-Based Apprentice or Trainee get paid?

Yes! The relevant industry Award covers most School-Based Apprenticeships. Students are paid for the time spent in the workplace.

How long does an Australian School-Based Apprenticeship take to complete?

If the ASBA is not completed prior to the student completing Year 12, students will continue on as a permanent employee until it is completed. Apprenticeships are now competency based, which means that if all the training is successfully completed and the employer believes the Apprentice or Trainee is competent in all areas, the Contract of Training can be 'signed off'. Students commencing a Certificate III or IV (two years plus) generally work part-time while still attending school and continue full-time to complete the Apprenticeship when their schooling is finished (SACE is achieved).

How much time does a School-Based Apprentice spend away from school?

As facilitated by the school's Apprenticeship Broker, the School-Based Apprenticeship can be organised in a number of ways. It can be by working one or more days a week; on weekends; during school holidays or blocks of time (eg a number of weeks in a row). This is negotiated between the employer, the school and the student. At least eight hours per week on-the-job is required.

What are Apprenticeship Brokers?

Apprenticeship brokers are employed by Apprenticeship Support Networks (ASN) and meet with students and employers to sign a contract of training, should a student secure a school based apprenticeship. Students and families can contact the school's VET coordinator for more information.