



YEAR 12

2018 SUBJECTS

Senior School Studies in 2018 at Red Cliffs Secondary College

Dear Students, Parents and Guardians of new and current students, welcome to Red Cliffs Secondary College and studies in years 10, 11 and 12.

Red Cliffs Secondary College provides high quality education to students in years 7 -12 and caters for the varying needs and aspirations of those students in terms of their academic and social development. At all times we have a strong commitment to educating and developing the whole student.

The Senior School at Red Cliffs Secondary College places great emphasis on students having a positive attitude to every aspect of school life and on generating an enthusiasm for self-directed learning and becoming informed active global citizens.

Our emphasis is on developing confident, resilient and purposeful young adults with realistic aspirations for meeting the challenges they will face in their chosen careers. As members of the Senior School, Year 10 students are challenged and supported to think positively about their future pathways and their leadership responsibilities. Students have the opportunity to participate in a range of curricular and co-curricular activities to expand their horizons.

Every student in the senior school is assisted through individual careers counselling to develop an individual career pathway that provides a global perspective and a sense of direction. A strong, integrated and holistic wellbeing program seeks to provide students with an additional element of support and care.

The purpose of this handbook is to provide students and their families with information about the Senior School and the subjects that will be offered. It is vital that students in the Senior School plan carefully and make informed decisions that enable them to fulfil both academic and personal goals.

The best advice is to choose studies:

- Which the student enjoys;
- In which the student achieves success;
- That the student may need for future study (prerequisites) or work;
- Which maintain and develop the student's special skills and talents.

Each student should ensure that he/she is fully informed before making decisions about his/her course of study.

The teaching staff are committed to assisting all students to achieve success.

Qualities required from the students to assist in this journey are:

- A desire to do one's best at all times in all aspects of school life and learning;
- A commitment to their studies;
- Determination and perseverance when things become difficult;
- Dedication to their studies and personal growth
- Discipline at school, the workplace and at home.

These qualities are necessary to meet the challenges of the final years of secondary schooling and allow students to succeed. Students need to establish sound work habits and learn to set priorities for their commitments at school and at home. Red Cliffs Secondary College aims to encourage all senior students to invest effort and time into achieving success and doing their best.

Although the senior schooling years can be challenging at times, we hope our students will also find them enjoyable and some of the most memorable of their school years.

Welcome to the senior years of study at Red Cliffs Secondary College in 2018 and beyond.

Narelle Calder
Senior School Coordinator

Cath Banks & Deanne Marr
Assistant Principals

David Browne
Principal

YEAR 12: Choosing your subjects.

All of your Year 12 subjects must be completed as a Unit 3-4 sequence – this means that whatever you chose for Unit 3, you have to continue for Unit 4.

You need to choose 5 subjects (10 units).

Step 1: Choose your English

You have to do an English. You can choose to do English or Literature – or you can do both. If you are unsure, talk to your English teacher.

ENGLISH:

Unit 3

Focus: reading and responding to texts analytically and creatively.

AREAS OF STUDY:

- Reading and creating texts
- Analysing Argument

Unit 4

Focus: comparing the presentation of ideas, issues and themes in texts.

AREAS OF STUDY:

- Reading and comparing texts
- Presenting Argument

LITERATURE:

Unit 3: Form and transformation

Focus: how the form of a text affects meaning, and how writers construct their texts.

AREAS OF STUDY:

- Adaptations and transformations
- Creative Responses to texts

Unit 4: Interpreting texts

Focus: developing critical and analytical responses to texts.

AREAS OF STUDY:

- Literary Perspectives
- Close Analysis

Step 2: To Maths or not to Maths:

There are no 'rules' about what you have to choose as your remaining 4 subjects.

BUT – If you want to do a University course, you **MUST** check any prerequisites that you will need.

Usually, students will continue on with subjects that they have already completed at Unit 1 and 2.

You don't have to do a Mathematics subject – but it is recommended that you do! If you are unsure, talk to your Maths teacher.

The following Mathematics subjects are offered at Red Cliffs Secondary College:

FURTHER MATHS:

Unit 3

Focus: Data Analysis, recursion and financial modelling.

AREAS OF STUDY:

- CORE – Data Analysis; Recursion and financial modelling

Unit 4

Focus: the application of mathematical techniques.

AREAS OF STUDY:

- APPLICATION – (2 of) Matrices; Networks and decision mathematics; Geometry and measurement; Graphs and relations

MATHEMATICAL METHODS:

Unit 3 & 4:

Focus: the study of simple elementary functions of a single real variable, to include combinations of the areas of study, and their applications in a variety of practical and theoretical contexts.

AREAS OF STUDY:

- Functions and graphs
- Algebra
- Calculus
- Probability and statistics

SPECIALIST MATHEMATICS: (must be done in conjunction with Mathematical Methods)

Unit 3 & 4:

Focus: mathematical structure, reasoning, and applications across a range of modelling contexts.

AREAS OF STUDY:

- Functions and graphs
- Algebra
- Calculus
- Vectors
- Mechanics
- Probability and statistics

Step 3: Choose the rest of your subjects:

Remember - There are no 'rules' about what you have to choose as your remaining subjects.

BUT – If you want to do a University course, you **MUST** check any prerequisites that you will need.

Usually, students will continue on with subjects that they have already completed at Unit 1 and 2.

Over the next few pages, you will find the other Unit 3 & 4 subjects offered at Red Cliffs Secondary College in 2018, listed in alphabetical order. Remember – you can only do a total of 5 subjects, so if you have chosen English and Further Maths (for example), you can only pick 3 more.

ACCOUNTING:

Unit 3: Recording and reporting for a trading business

Focus: financial accounting for a single activity trading business as operated by a sole trader and emphasises the role of accounting as an information system.

AREAS OF STUDY:

- Recording financial data
- Balance day adjustments and reporting and interpreting accounting information

Unit 4: Control and analysis of business performance

Focus: providing an extension of the recording and reporting processes from Unit 3 and the use of financial and non-financial information in assisting management in the decision-making process.

AREAS OF STUDY:

- Extension of recording and reporting
- Financial planning and decision making

BIOLOGY:

Unit 3: How do cells maintain life?

Focus: Understanding the workings of the cell to enable an appreciation of both the capabilities and the limitations of living organisms whether animal, plant, fungus, or microorganism.

AREAS OF STUDY:

- How do cellular processes work?
- How do cells communicate?

Unit 4: How does life change and respond to challenges over time?

Focus: The relatedness between species and the impact of various change events on a population's gene pool.

AREAS OF STUDY:

- How are species related?
- How do humans impact on biological processes?
- Practical Investigation

BUSINESS MANAGEMENT:

Unit 3: Managing a business

Focus: Exploring the key processes and issues concerned with managing a business efficiently and effectively to achieve the business objectives.

AREAS OF STUDY:

- Business foundations
- Managing Employees
- Operations Management

Unit 4: Transforming a business

Focus: Reviewing key performance indicators to determine current performance and the strategic management necessary to position a business for the future.

AREAS OF STUDY:

- Reviewing performance – the need for change
- Implementing change

CHEMISTRY:

Unit 3: How can chemical processes be designed to optimise efficiency?

Focus: Energy options and the chemical production of materials with reference to efficiencies, renewability, and the minimisation of their impact on the environment.

AREAS OF STUDY:

- What are the options for energy production?
- How can the yield of a chemical product be optimised?

Unit 4: How are organic compounds categorized and analysed and used?

Focus: Investigating the structural features, bonding, typical reactions, and uses of the major families of organic compounds, including those found in food.

AREAS OF STUDY:

- How can the diversity of carbon compounds be explained and categorized?
- What is the chemistry of food?
- Practical Investigation

COMPUTING: INFORMATICS:

Unit 3: Informatics

Focus: Data, how it is acquired, managed, manipulated and interpreted to meet a range of needs.

AREAS OF STUDY:

- Organisation and data management
- Data analytics: drawing conclusions

Unit 4: Informatics

Focus: Strategies and techniques for manipulating, managing, and securing data and information to meet a range of needs.

AREAS OF STUDY:

- Data analytics: presenting the findings
- Information management

DANCE:

Unit 3: Dance

Focus: choreography, rehearsal and performance of a solo dance work and involvement of the execution of a diverse range of body actions and use of performance skills.

AREAS OF STUDY:

- Dance perspectives
- Choreography, performance, and dance-making analysis
- Dance technique, performance and analysis

Unit 4: Dance

Focus: choreography, rehearsal, and performance of a unified solo dance work.

AREAS OF STUDY

- Dance perspectives
- Choreography, performance, and dance-making analysis

DRAMA:

Unit 3: Devised non-naturalistic ensemble performance

Focus: Non-naturalistic devised ensemble dramas.

AREAS OF STUDY:

- Devising and presenting non-naturalistic ensemble performance
- Responding to devised ensemble performances
- Analysing non-naturalistic performance

Unit 4: Non-naturalistic solo performance

Focus: Development and presentation of non-naturalistic devised solo performances.

AREAS OF STUDY:

- Working with stimulus material
- Devising a non-naturalistic solo performance
- Analysing devised non-naturalistic solo performance

FOOD:

Unit 3: Food in daily life

Focus: The many roles and everyday influences of food.

AREAS OF STUDY:

- The science of food
- Food choice, health and wellbeing

Unit 4: Food issues, challenges, and futures

Focus: Debates about global and Australian food systems.

AREAS OF STUDY:

- Environment and ethics
- Navigating food information

HEALTH AND HUMAN DEVELOPMENT:

Unit 3: Australia's health in a globalised world

Focus: Health, wellbeing, and illness as multidimensional, dynamic, and subject to different interpretations and contexts.

AREAS OF STUDY:

- Understanding health and wellbeing
- Promoting health and wellbeing

Unit 4: Health and human development in a global context

Focus: Health, wellbeing and human development in a global context.

AREAS OF STUDY:

- Health and well being in a global context
- Health and the Sustainable Development Goals

HISTORY: REVOLUTIONS:

Unit 3 & 4: Revolutions

Focus: The significant historical causes and consequences of political revolution.

AREAS OF STUDY:

- Causes of revolution
- Consequences of revolution

LEGAL STUDIES:

Unit 3: Rights and justice

Focus: Methods and institutions in the justice system, and consider their appropriateness in determining criminal cases and resolving civil disputes.

AREAS OF STUDY:

- The Victorian criminal justice system
- The Victorian civil justice system

Unit 4: The people and the law

Focus: How the Australian Constitution establishes the law making powers of the Commonwealth and state parliament, and how it protects the Australian people through structures that act as a check on parliament in law making.

AREAS OF STUDY:

- The people and the Australian Constitution
- The people, the parliament, and the courts

MEDIA:

Unit 3: Media narratives and pre-production

Focus: Stories that circulate in society through media narratives. Use of the pre-production stage of the media production process to design the production of a media product for a specified audience.

AREAS OF STUDY:

- Narrative and Ideology
- Media production development
- Media production design

Unit 4: Media production and issues in the media

Focus: Production and post- production stages of the media production process, bringing the media production design created in Unit 3 to its realisation.

AREAS OF STUDY:

- Media Production
- Agency and control in and of the media

MUSIC PERFORMANCE:

Unit 3 & 4: Music Performance

Focus: Building and refining performance and musicianship skills.

AREAS OF STUDY:

- Performance
- Preparing for performance
- Music language

PHYSICAL EDUCATION:

Unit 3: Movement skills and energy for physical activity

Focus: Biomechanical and skill acquisition principals used to analyse human movement skills and energy production from a physiological perspective.

AREAS OF STUDY:

- How are motor skills improved?
- How does the body produce energy?

Unit 4: Training to improve performance

Focus: Analysis of movement skills and application of relevant training principles and methods to improve performance within physical activity at an individual, club, and elite level.

AREAS OF STUDY:

- What are the foundations of an effective training program?
- How is training implemented effectively to improve fitness?

PHYSICS:

Unit 3: How do fields explain motion and electricity?

Focus: The importance of energy in explaining and describing the physical world.

AREAS OF STUDY:

- How do things move without contact?
- How are fields used to move electrical energy?
- How fast can things go?

Unit 4: How can two contradictory models explain both light and matter?

Focus: The use of wave and particle theories to model the properties of light and matter.

AREAS OF STUDY:

- How can waves explain the behaviour of light?
- How are light and matter similar?
- Practical Investigation

PRODUCT DESIGN AND TECHNOLOGY: TEXTILES or WOOD:

Unit 3: Applying the product design process

Focus: design and development of a product that addresses the personal, local, or global problem (such as humanitarian issues), or that meets the needs and wants of a potential end-user/s.

AREAS OF STUDY:

- Design for end-user/s
- Product development in industry
- Designing for others

Unit 4: Product development and evaluation

Focus: Making comparisons between similar products to help evaluate the success of a product in relation to a range of product design factors.

AREAS OF STUDY:

- Product analysis and comparison
- Product manufacture
- Product evaluation

PSYCHOLOGY:

Unit 3: How does experience affect behaviours and mental processes?

Focus: Macro- and micro- level functioning of the nervous system to explain how the human nervous system enables a person to interact with the world around them.

AREAS OF STUDY:

- How does the nervous system enable psychological functioning?
- How do people learn and remember?

Unit 4: How is wellbeing developed and maintained?

Focus: The nature of consciousness and how changes in levels of consciousness can affect mental processes and behaviour.

AREAS OF STUDY:

- How do levels of consciousness affect mental processes and behaviour?
- What influences mental wellbeing?
- Practical Investigation

SOCIOLOGY:

Unit 3: Culture and ethnicity

Focus: Expressions of culture and ethnicity within Australian society in two different contexts – Australian Indigenous culture, and ethnicity in relation to migrant groups.

AREAS OF STUDY:

- Australian Indigenous culture
- Ethnicity

Unit 4: Community, social movements, and social change

Focus: The ways sociologists have thought about the idea of community and how the various types of community are experienced.

AREAS OF STUDY:

- Community
- Social movements and social change

STUDIO ARTS:

Unit 3: Studio practices and processes

Focus: The implementation of an individual studio process leading to the production of a range of potential directions.

AREAS OF STUDY:

- Exploration proposal
- Studio process
- Artists and studio practices

Unit 4: Studio practice and art industry contexts

Focus: Planning, production and evaluation required to develop, refine, and present artworks that link cohesively according to the ideas resolved in Unit 3.

AREAS OF STUDY:

- Production and presentation of artworks
- Evaluation
- Art industry contexts

VISUAL COMMUNICATION AND DESIGN:

Unit 3: Visual communication and design practices

Focus: The processes designers employ to structure their thinking and communicate ideas with clients, target audiences, other designers and specialists.

AREAS OF STUDY:

- Analysis and practice in context
- Design industry practice
- Developing a brief and generating ideas

Unit 4: Visual communication and design development, evaluation, and presentation

Focus: Development of design concepts and two final presentations of visual communications to meet the requirements of the brief.

AREAS OF STUDY:

- Development, refinement, and evaluation
- Final presentations

SUBJECT SELECTIONS: 2018: Yr12

My proposed career is: _____

I plan on attending university: YES / NO

My top 3 University and course choices are:

1. _____
2. _____
3. _____

Pre-requisites for my courses:

My Year 11 subjects:

UNIT 1	ENGLISH					
UNIT 2	ENGLISH					

Year 12 subjects:

Unit 3 & 4	English (Or Literature)				
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** If you would like to include a VET subject, please see the VET/VCAL subject offerings.