



YEAR 11

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 11: Choosing your subjects.

All of your Year 11 subjects in Semester One are Unit 1, Semester Two subjects are Unit 2. When you are choosing your subjects, you should aim to complete Unit 1 and 2 of your subjects, however, if a subject is not right for you, you can change in Unit 2.

You need to choose 6 subjects (12 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 1

Focus: reading and responding to texts analytically and creatively.

AREAS OF STUDY:

- Reading and creating texts
- Analysing and presenting argument

Unit 2

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

AREAS OF STUDY:

- Reading and comparing texts
- Analysing and presenting argument

LITERATURE:

Unit 1: Approaches to Literature

Focus: The ways in which the interaction between text and reader create meaning.

AREAS OF STUDY:

- Reading practices
- Ideas and concerns in texts

Unit 2: Context and Connections

Focus: The ways literary texts connect with each other and with the world.

AREAS OF STUDY:

- The text, the reader, and their contexts
- Exploring connections between texts

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.

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:

FOUNDATION MATHS:

Unit 1 & 2

Focus: The use of mathematics in practical contexts encountered in everyday life in the community, at work, and at study.

AREAS OF STUDY:

- Space, shape, and design
- Patterns and number
- Data
- Measurement

GENERAL MATHS:

Unit 1 & 2

Focus: Different combinations of student interests and preparation for study of VCE Mathematics at the Unit 3 & 4 level.

AREAS OF STUDY:

- Algebra and structure
- Arithmetic and number
- Discrete mathematics
- Geometry, measurement, and trigonometry
- Graphs of linear and non linear relations
- Statistics

MATHEMATICAL METHODS:

Unit 1:

Focus: Introductory study of simple elementary functions of a single real variable, algebra, calculus, probability and statistics and their applications in a variety of practical and theoretical contexts.

AREAS OF STUDY:

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

Unit 2:

Focus: Simple transcendental functions and the calculus of simple algebraic functions.

AREAS OF STUDY:

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

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

Unit 1 & 2:

Focus: The discipline of mathematics in its own right and investigation of a broad range of applications, as well as development of a sound background for further studies in mathematics and mathematics related fields.

AREAS OF STUDY:

- Arithmetic and number
- Geometry, measurements, and trigonometry
- Graphs of linear and non linear relations
- Algebra and structure
- Transformations, trigonometry, and matrices
- Discrete mathematics
- 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 1 & 2 subjects offered at Red Cliffs Secondary College in 2018, listed in alphabetical order. Remember – you can only do a total of 6 subjects, so if you have chosen English and Further Maths (for example), you can only pick 4 more.

ACCOUNTING:

Unit 1: Establishing and operating a service business

Focus: Establishment of small business and the accounting and financial management of the business.

AREAS OF STUDY:

- Going into business
- Recording financial data and reporting financial information

Unit 2: Accounting for a trading business

Focus: Accounting for a sole proprietor of a single activity trading business.

AREAS OF STUDY:

- Recording financial data and reporting financial information
- ICT in accounting
- Evaluation of business performance

BIOLOGY:

Unit 1: How do living things stay alive?

Focus: The cell as the structural and functional unit of life, from the single celled to the multicellular organism, and the requirements for sustaining cellular processes in terms of inputs and outputs.

AREAS OF STUDY:

- How do organisms function?
- How do living systems sustain life?
- Practical investigation

Unit 2: How is continuity of life maintained?

Focus: Cell reproduction and the transmission of biological information from generation to generation.

AREAS OF STUDY:

- How does reproduction maintain the continuity of life?
- How is inheritance explained?
- Investigation of an issue

BUSINESS MANAGEMENT:

Unit 1: Planning a business

Focus: Factors affecting business ideas; internal and external environments within which businesses operate; effect of environments on planning a business.

AREAS OF STUDY:

- The business idea
- External environment
- Internal environment

Unit 2: Establishing a business

Focus: The establishment phase of a business' life.

AREAS OF STUDY:

- Legal requirements and financial considerations
- Marketing a business
- Staffing a business

CHEMISTRY:

Unit 1: How can the diversity of materials be explained?

Focus: The chemical properties of a range of materials from metals and salts, to polymers and nanomaterial.

AREAS OF STUDY:

- How can knowledge of elements explain the properties of matter?
- How can the versatility of non-metals be explained?
- Research investigation

Unit 2: What makes water such a unique chemical?

Focus: The chemical and physical properties of water, the reactions that occur in water, and various methods of water analysis.

AREAS OF STUDY:

- How do substances interact with water?
- How are substances in water measured and analysed?
- Practical investigation

COMPUTING:

Unit 1: Informatics

Focus: How data, information, and networked digital systems can be used to meet a range of users current and future needs.

AREAS OF STUDY:

- Data and graphic solutions
- Networks
- Collaboration and communication

Unit 2: Computing

Focus: Data and how the application of computational design and systems thinking skills support the creation of solutions that automate the processing of data

AREAS OF STUDY:

- Programming
- Data Analysis and visualisation
- Data management

DANCE:

Unit 1: Dance

Focus: Exploring the potential of the body as an instrument of expression

AREAS OF STUDY:

- Dance perspectives
- Choreography and performance
- Dance technique and performance
- Awareness and maintenance of the dancer's body

Unit 2: Dance

Focus: Expanding students' personal movement vocabulary and choreographic skills through the exploration of the elements of movement: time, space, and energy and the study of form.

AREAS OF STUDY

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

DRAMA:

Unit 1: Dramatic storytelling

Focus: Creating, presenting, and analysing a devised performance that includes real of imagined characters and is based on stimulus material that reflects personal, cultural and/or community experiences and stories.

AREAS OF STUDY:

- Creating a devised performance
- Presenting a devised performance
- Analysing a devised performance
- Analysing drama performances presented by other practitioners

Unit 2: Non-naturalistic Australian drama

Focus: The use and documentation of the processes in constructing a devised solo or ensemble performance that uses non-naturalistic performance styles.

AREAS OF STUDY:

- Using Australia as inspiration
- Presenting a devised performance
- Analysing a devised performance
- Analysing Australia drama performance

FOOD:

Unit 1: Food origins

Focus: Food from historical and cultural perspectives

AREAS OF STUDY:

- Food around the world
- Food in Australia

Unit 2: Food makers

Focus: Food systems in contemporary Australia

AREAS OF STUDY:

- Food industries
- Food in the home

HEALTH AND HUMAN DEVELOPMENT:

Unit 1: Understanding health and wellbeing

Focus: Health, wellbeing as a concept with varied and evolving perspectives and definitions.

AREAS OF STUDY:

- Health perspectives and influences

- Health and nutrition
- Youth health and wellbeing

Unit 2: Managing health and development

Focus: Transitions in health and wellbeing and development, from lifespan and societal perspectives

AREAS OF STUDY:

- Developmental transitions
- Healthcare in Australia

HISTORY: TWENTIETH CENTURY:

Unit 1: Twentieth Century History 1918-1939

Focus: The nature of political, social, and cultural change in the period between the world wars.

AREAS OF STUDY:

- Ideology and conflict
- Social and cultural change

Unit 2: Twentieth Century History 1945-2000

Focus: The nature and impact of the cold war and challenges to existing political, economic and social arrangements in the 2nd half of the twentieth century.

AREAS OF STUDY:

- Competing ideologies
- Challenge and change

LEGAL STUDIES:

Unit 1: Guilt and Liability

Focus: Understanding legal foundations, such as the different types and sources of law and the existence of a court hierarchy in Victoria.

AREAS OF STUDY:

- The presumption of innocence
- Civil liability

Unit 2: Sanctions, remedies and rights

Focus: The enforcement of criminal law and civil law, the methods and institutions that may be used to determine a criminal case or resolve a civil dispute, and the purpose and types of sanctions and remedies and their effectiveness.

AREAS OF STUDY:

- Sanctions
- Remedies
- Rights

MEDIA:

Unit 1: Media forms, representations and Australian stories

Focus: Developing an understanding of audiences and the core concepts underpinning the construction of representations and memory, and different media forms.

AREAS OF STUDY:

- Media representations
- Media forms in production
- Australian stories

Unit 2: Narrative across media forms

Focus: Developing an understanding of the concept of narrative in media products and forms in different concepts.

AREAS OF STUDY:

- Narrative style and genre
- Narratives in production
- Media and change

MUSIC PERFORMANCE:

Unit 1: Music Performance

Focus: Students' performance and musicianship skills to present performances of selected group and solo music works using one or more instruments.

AREAS OF STUDY:

- Performance
- Preparing for performance
- Music language

Unit 2: Music Performance

Focus: Building performance and musicianship skills.

AREAS OF STUDY:

- Performance
- Preparing for performance
- Music language
- Organisation of sound

PHYSICAL EDUCATION:

Unit 1: The human body in motion

Focus: How the musculoskeletal and cardiorespiratory systems work together to produce movement.

AREAS OF STUDY:

- How does the musculoskeletal system work to produce movements?
- How does the cardiorespiratory system function at rest and during physical activity?

Unit 2: Physical activity, sport and society

Focus: Understanding of physical, sport and society from a participant perspective.

AREAS OF STUDY:

- What are the relationships between physical activity, sport, health and society?
- What are the contemporary issues associated with physical activity and sport?

PHYSICS:

Unit 1: What ideas explain the physical world?

Focus: How physics explain phenomena, at various scales, which are not always visible to the unaided human eye.

AREAS OF STUDY:

- How can thermal effects be explained?
- How do electric circuits work?
- What is matter and how is it formed?

Unit 2: What do experiments reveal about the physical world?

Focus: The power of experiments in developing models and theories.

AREAS OF STUDY:

- How can motion be described and explained?
- Options
- Practical Investigation

PRODUCT DESIGN AND TECHNOLOGY: TEXTILES or WOOD:

Unit 1: Sustainable product redevelopment

Focus: Analysis, modification, and improvement of a product design with consideration of the sustainability.

AREAS OF STUDY:

- Sustainable redevelopment of a product
- Producing and evaluating a redeveloped product

Unit 2: Collaborative design

Focus: Factors including end-user/s' needs and wants; function, purpose, and context for product design; aesthetics; materials and sustainability; and the impact of these factors on a design solution.

AREAS OF STUDY:

- Designing with a team
- Producing and evaluating within a team

PSYCHOLOGY:

Unit 1: How are behaviours and mental processes shaped?

Focus: The structure and functioning of the human brain and the role it plays in the overall functioning of the human nervous system.

AREAS OF STUDY:

- How does the brain function?
- What influences psychological development?
- Student-directed research investigation

Unit 2: How do external factors influence behaviour and mental processes?

Focus: How perception of stimuli enables a person to interact with the world around them and how their perception of stimuli can be distorted.

AREAS OF STUDY:

- What influences a person's perception of the world?
- How are people influenced to behave in particular ways?
- Student-directed practical investigation

SOCIOLOGY:

Unit 1: Youth and family

Focus: Exploring the social category of youth and the social institution of family.

AREAS OF STUDY:

- Category and experience of youth
- The family

Unit 2: Social norms: breaking the code

Focus: Exploring the concepts of deviance and crime.

AREAS OF STUDY:

- Deviance
- Crime

STUDIO ARTS:

Unit 1: Studio Inspiration and techniques

Focus: Developing an individual understanding of the stages of studio practice, and how to explore, develop, refine, resolve, and present artworks.

AREAS OF STUDY:

- Researching and recording ideas
- Studio practice
- Interpreting art ideas and uses of materials and techniques

Unit 2: Studio exploration and concepts

Focus: Establishing and using a studio practice to produce artwork.

AREAS OF STUDY:

- Exploration of studio practice and development of artworks
- Ideas and styles in artworks

VISUAL COMMUNICATION AND DESIGN:

Unit 1: Introduction to visual communication and design

Focus: Visual language to communicate messages, ideas, and concepts; and the four stages of the design process: research, generation of ideas; development of concepts; and refinement of visual communication.

AREAS OF STUDY:

- Drawing as a means of communicating
- Design elements and design principles
- Visual communications in context

Unit 2: Applications of visual communication within design fields

Focus: Application of visual communication design knowledge, design thinking, and drawing methods to create visual communications to meet specific purposes in designated design fields.

AREAS OF STUDY:

- Technical drawing in context
- Type and imagery in context
- Applying the design process

SUBJECT SELECTIONS: 2018: Yr11

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 10 subjects:

| | | | | | | |
|--------------|---------|------|--|--|--|--|
| SEM 1 | ENGLISH | MATH | | | | |
| SEM 2 | ENGLISH | MATH | | | | |

Year 11 subjects:

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|-----------------------|-------------------------------|--|--|--|--|
| Unit 1 & 2 | English (Or Literature) | | | | |
|-----------------------|-------------------------------|--|--|--|--|

** If you would like to include a VET subject, please see the VET/VCAL subject offerings.

** If you have chosen to complete a Year 11 subject in Year 10, and would like to continue that or pick up a different one in Year 12 – please see the YEAR 12 – subjects 2018 document.