



Rangitikei College

Year 10 OPTIONS Handbook



2018



INTRODUCTION

This guide gives you and your parents/caregivers information about option courses available in Year 10 at Rangitikei College. Use this information to help you make informed decisions about what you will do next year, alongside the compulsory English, Mathematics, PE and Health, Science and Social Studies courses.

Making GREAT choices

Choosing options is a very important decision that will affect your life in many ways. Ask yourself the following:

- What am I good at?
- What sorts of things interest me most?
- What new knowledge would I like to gain?
- What new skills will be important for me in the future?

ABILITY + INTEREST + CAREER GOALS = GREAT OPTION CHOICES

What else should you do?

- Discuss your options with your Academic Mentor
- Discuss your options with senior students and your whanau/caregivers
- Visit www.careers.govt.nz
- Visit the school website and look at Year 11-13 courses
- Enter your options in the portal or Fill in a Year 10 Option form
- Hand in the form to your ACM by **TUESDAY 19th SEPTEMBER**

You should approach this option selection process as important with a deadline to be met. If you are late making your selections, you may find your choices limited as some courses will fill very quickly.





AGRICULTURE

This course involves looking at the farming in the Rangitikei and beyond. Animals such as dairy cows, beef cattle and sheep will be studied as well as the pasture and crops these animals require. The class will also focus on soils and how to best maintain them as well as look at future careers in Agriculture. There will be a field trip.

Students will learn:

- Modifying soils, Rangitikei soils and their use
- Animals on Rangitikei farms
- Animal health and diseases
- Pasture and specialist crops
- Husbandry of a common farm animal
- Careers in Agriculture



Course costs: \$10 (Day trip).

ART

This course involves drawing, painting and printmaking. You will learn new skills including analysis of artworks, drawing, painting and printmaking techniques, colour theory, symbolism in identity, portraiture and much more. Independent learning is a goal and you will be given the opportunity to participate in an Achievement Standard assessment worth 4 credits, which will give you a clear insight into what Level 1 NCEA will be like. Overall, it is expected that you will have a passion for Art and strong self-motivation.

Students will learn:

- Methods and techniques in drawing, painting and printmaking
- Investigation of art conventions within certain genre ie; portraiture, symbolism and composition
- Colour theory
- Ideas for creating original artwork



Course Costs: \$25.00



BUSINESS STUDIES

This course gives you the chance to develop and market your own product. You will also have the chance to get a taste of what it means to run your own business.

Students will learn:

- What it means to be an entrepreneur
- The difference between invention and innovation
- The four Ps of marketing
- The production process
- Roles in businesses
- How to prototype a product for a trade show (this is run during a lunch break with stalls, signage, biz cards, etc. Students and staff judge the best products)



CONSTRUCTION

This course introduces you to a range of woodworking skills making use of hand tools and some of the powered equipment. Homework assignments and different project designs will support and give you the confidence to produce quality practical projects, learning the essential skills of marking out, cutting and assembly as well as learning to work safely.

There is an opportunity to complete a Level 1 Unit Standard for Safety in the Workshop which provides a good progression for those interested in apprenticeships in the carpentry, furniture making and architecture trades.

Students will learn:

- Basic sketching
- Prototyping, modelling
- How to read and understand plans
- Creating a cutting list of materials
- Manufacturing
- Hand tool and some machine tool usage
- Safety
- Finishing techniques



Course costs: \$35



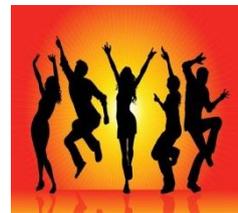
DANCE

This course introduces you to the important skill of learning how your body moves. As well as learning routines from YouTube, video clips and each other, you will have plenty of opportunity to choreograph your own routines, using skills learnt from a variety of dance styles.

You will also learn the essential skills of working independently, working in small groups and working as a whole class. You will be self-driven and develop self-confidence as you learn performance skills. You will gain a good progression into NCEA performing arts, drama / dance as well as fostering your love of practical subjects that get your bodies moving.

Students will learn:

- Basic routines and movement skills
- Working in a group
- How to develop your own choreography
- Elements of dance



Course costs: No cost

DESIGN AND VISUAL COMMUNICATION (GRAPHICS)

This course is adapted from the Technology curriculum and has a high emphasis on design. You will learn how to design and visually communicate ideas. You will also learn about some of the occupations within the industries of fashion, engineering, building and architecture. This will develop a good foundation for any Level 1 Design and Visual Communication programme. Course cost includes a drawing kit.

Students learn:

- Sketching, drawing and modelling, design skills
- How to effectively communicate graphically
- The design process
- Freehand and instrumental drawing
- 3-D modelling
- CAD



Course Costs: \$10



DIGITAL TECHNOLOGY

This course covers a variety of projects which include: digital manipulation, website design, animation, robotics and basic programming – computer games, databases, spreadsheets. You will work on an individual or group project.

Students will learn:

- The use of simple planning tools to develop an outcome
- Analysis of aesthetics and application techniques to produce an outcome
- Technical functions of digital media applications
- Ethical practice
- Development of functionality outcomes
- Implementation of design thinking
- Innovative digital solutions creation
- Computer science concepts
- Managing projects and collaboration



Course costs: Students must provide their own headphones.

DRAMA

This course will help you develop drama techniques and skills as you learn about the elements and conventions of dramatic performance. You will have the opportunity to devise and perform as you prepare for NCEA Level 1 Drama. A willingness to see things through others' eyes is a must, as you will learn to perform in front of an audience.

Students will learn:

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|----------------------------|--|
| • Creativity | the ability to respond to situations and seek solutions |
| • Confidence | the ability to act and react to situations and to people |
| • Communication | the expression of ideas to others |
| • Compassion | the thinking from another's point of view |
| • Culture | the exploration of difference and unity |
| • Collaboration | the ability to work with others on a shared event |
| • Critical Thinking | the evaluation of evidence to guide decision making |
| • Challenge | being outside of the comfort zone |



Course Costs: no cost

Possible trip to Palmerston North to see a live performance (depending on appropriateness and availability).



ENGINEERING

This course introduces you to the manufacturing of practical products. During the course you are introduced to a range of engineering skills making use of hand tools and machinery. There is opportunity to complete a NCEA Level 1 Unit Standard for Safety in the Workshop which will provide a good progression for those interested in apprenticeships in the engineering trades.

Students will learn:

- Good workshop habits and practice
- Basic engineering hand tool skills
- Basic machinery use skills
- Safety
- Assessment of parts of the project, as well as the finished item



Courses costs: \$35.00

HOSPITALITY & FOOD

This course introduces you to the basic skills required in meal planning, practical cookery and nutritional knowledge. You will gain the necessary knowledge and skills to take Hospitality as a subject at senior level or to progress to a hospitality, cookery or chef course. This course requires focus and commitment.

Students will learn:

- Prepare, serve and store food using safe and hygienic practices
- Investigate, develop and evaluate healthy fast food
- Investigate and critique food trends and health issues
- The importance of good nutrition
- Develop , prepare and present a two or three course meal
- Investigate the function of ingredients in baked products



Course Costs: \$35.00 for half a year

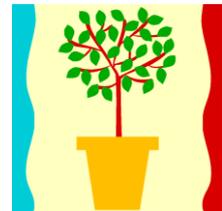


HORTICULTURE

This course is an introduction to Horticulture and will give you a lifelong appreciation of growing plants successfully for profit or pleasure. Hands-on growing of plants from seeds and parts of plants, as well as theory aspects of the successful growing of plants will be taught.

Students learn:

- Seeds
- Cuttings
- Soils
- Weeds
- NZ Native Plants
- Conservation
- Uses of Plants
- Herbs & Landscaping
- Vegetable Growing
- Fruit Tree Husbandry



Course costs: no cost

MUSIC

This course is right for you if you wish to develop practical and academic music skills in preparation for possible future study at senior levels.

You will learn to read, research and compose (write your own music) various genres of music. In practical music, you will be expected to study an instrument with a school tutor and/or a private tutor. Participation in a college musical group is encouraged. Level 1 credits are available if you reach the required standard.

Students will learn:

- Play an instrument through formal lessons
- Compose music in a range of different styles using music technology software
- Perform to an audience as a soloist and as part of a group
- Music theory
- Analyse music in different styles



Course costs: no cost



TE REO MĀORI

This course is for a FULL-YEAR; not just one option rotation. It is a progression from the Year 9 Māori Language Programme and will further your skills and understanding in speaking, listening to, reading and writing te reo. You will also learn about, and further develop an awareness of the life and culture of Māori people.

Topics of learning could include Nga Atua Maori, Powhiri, Marae customs, Pepeha, creating a book for local Kohanga Reo children, and local iwi pakiwaitara.

Students will learn:

- Basic skills in listening, speaking, reading and writing Te Reo Māori
- Informal, formal and cultural situations
- Tikanga Maori - cultural customs, protocols, games and legends
- Cultural visits – local marae, Kohanga Reo
- Kapa Haka (Pae Rangatahi) and Manu Korero



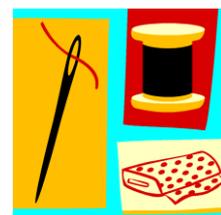
Course Fees: approx \$35 to cover travel costs for the year and student workbooks.

TEXTILE DESIGN

This course will develop your skills in research, design, sewing techniques and evaluation. Your aim will be to create a product to be proud of by giving it your very best effort. You will practice identifying a need, researching to solve the need, trialling and testing to develop a mock up to solve the need and evaluate the outcome against the need.

Students will learn:

- Understanding of the design process
- Design drawings and pattern development
- Use of a sewing machine to develop sewing skills
- Pattern and fabric knowledge
- Planning for practice
- Evaluating your work



Course costs: \$30