

Taieri College



Course Information

Year 9

2023

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INTRODUCTION

At Year 9, Mathematics, English, Social Studies, Science and Physical Education are compulsory subjects and each is studied throughout the year.

At Year 9, students study 8 options for one term, 3 periods per week.

Our philosophy is to give students a broad range of option subjects. There are 5 compulsory options. Music, Art, Digital Technology, Māori and at least one technology option (Hard Materials, Food or Textiles). In addition to these compulsory core requirements students are required to choose three other subject options.

Note: Courses will run subject to numbers and teacher availability.
Contributions listed are based on 2022

COURSE OVERVIEW

US = Unit Standards assessment

* = approved subject for University Entrance requirements

Year 9	Year 10	Level 1	Level 2	Level 3
English	English	English	English Media Studies	English * Classical Studies * Media Studies *
French Japanese Māori	Māori Tikanga Māori	French [on-line] Japanese [on-line] Māori	French [on-line] Japanese [on-line] Māori	French * [on-line] Japanese *[on-line] Māori
Mathematics	Mathematics	Mathematics	Mathematics	Calculus * Statistics & Modelling *
Science	Science	Science	Physics Chemistry Biology	Physics * Chemistry * Biology *
Agriculture / Horticultural Science	Agriculture / Horticultural Science	Agriculture and Horticulture Primary Trades Academy (US)	Agribusiness Primary Trades Academy (US)	Agribusiness* Primary Trades Academy (US)
Social Studies	Social Studies	Geography History	Geography History Tourism (US)	Geography * History * Tourism (US)
Physical Education Sport and Exercise Studies	Physical Education Sport Pursuits Sports Science	Physical Education Sport and Recreation	Physical Education Sport and Recreation (US)	Physical Education* Sport and Recreation (US)
			Careers (US) Gateway (US)	Careers (US) Gateway (US)
Health in core	Health	Health	Health	Health *
Art	Art Painting Art Graffiti Art Photography Art Cartooning	Art Creative Industries	Painting Design Photography	Painting * Design * Photography*
Music (Core) Performance Music	Music Music technology	Music Music technology	Music	Music *
Drama	Drama	Drama	Drama	Drama *
	Dance	Dance	Dance	Dance *
Economics	Economics	Economics	Economics Accounting [on-line] Agribusiness	Economics * Accounting* [on- line] Agribusiness*
Food Technology	Food Technology	Hospitality (US)	Hospitality (US)	Hospitality (US)
Hard Materials Technology Taonga Whakapaipai	Hard Materials Technology	Engineering Technology (US) Building and Construction(US)	Trades Academy (US) Building and Construction(US) Automotive (US)	Trades Academy (US) Building and Construction(US) Automotive (US)
Design and Visual Technology	Design and Visual Technology	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication*
Textiles Technology	Textiles Technology	Textiles Technology	Textiles Technology	Textiles Technology*
Digital Technology	Digital Technology	Digital Technology	Digital Technology Computing & Information Technology (US)	Digital Technology* Computing & Information Technology (US)

AGRICULTURAL AND HORTICULTURAL SCIENCE 9AHS

Content **Option subject for one term**

Agricultural and Horticultural Science is concerned primarily with soils, plants and animals. People work with these under varying conditions of weather in a variety of climates. To assist with producing agricultural and horticultural products machines, buildings, fertilisers, chemicals, advisory help and services are used.

The skills and knowledge that students acquire will be useful in a variety of careers both with an academic and practical base.

This course involves class work and practical work in the garden and glasshouse.

The topics studied include:

- Seed germination
- Bees and beekeeping
- Chickens and poultry farming

ART

9ART

Content **Compulsory subject for one term**

Students will learn the foundation skills needed to take them through to studying Art in the Senior School. This includes drawing from observation, looking at, analysing and writing about artworks, emulating artists, and making work in a variety of media, including paint, photography and drawing. The course is written to allow for flexibility to cater for students with specific needs.

Content**Option subject for one term**

Design and Visual Technology offers students the opportunity to use a wide range of freehand, instrumental and some computer aided design drawing skills to develop their individual project based designs.

These skills are invaluable for those wishing to follow careers in architecture, town planning, engineering and product design etc.

During their time in the design suite, students will be involved in various aspects of design.

The topics studied include:

- Project based design process
- Freehand sketching and rendering
- Formal instrumental drawing
- Computer Aided Design (CAD)
- 3D printing/ laser cutting (where available)

Content**Compulsory subject for one term**

Digital Technology students will have the opportunity to develop an understanding and use common application software. These skills will be used to select appropriate software applications and specific features to manage and present information and apply file management procedures.

Software features will be used as part of a specified digital information outcome which involves demonstrating accuracy and ability to follow the design principles covered in a manner that optimises the specific features of the application.

Students will use word processing, spreadsheets, desktop publishing software and Scratch.

Content**Option subject for one term**

Year 9 Drama is the ideal course for those wanting to develop confidence and performance skills. This subject has a co-operative learning style with emphasis on performance. This leads on to Year 10 and NCEA Drama.

Drama is successful in teaching the skills that employers seek in all professions: self-confidence, problem solving, organisation, creativity, memorisation, public speaking, people skills, text interpretation and inference, vocal and physical expression, critical thinking and performance and technology skills.

The topics studied include:

- Theatre performance in collaborative groups
- Scripted and devising work
- Introduction to film technology, design, and different performance styles

Content**Option subject for one term**

This course will enable students to understand the basic economic problem of resource scarcity and the need to make wise choices about resource use. This course leads on to Year 10 courses in either Financial Literacy or Enterprise Studies.

The topics studied include:

- The central theme of Economics; choice.
- Consumers and Producers use of time, money and skills.
- Scarce resources and their use.
- The basics of a business.
- What is, and what affects, consumer demand (including how to construct a simple Demand curve)
- A look at economic decision making including a personal budgeting exercise.

Content**What is English about?**

English reflects and seeks to enhance the core values of respect, integrity, perseverance, responsibility, empathy, and striving for excellence.

Students will explore a broad range of texts covering the following topics:

- Facing challenges
- Personal best
- The future- what does it hold?
- Quests
- Justice and injustice
- Celebrating diversity

Students study, use, and enjoy English language and its literature learning to communicate orally, visually, and in writing for a range of purposes and audiences.

Students will participate in the following activities:

- Core Literacy skills
- Creative Writing and Formal Writing
- Reading and viewing novels, short stories, poems, drama scripts and films
- Writing and delivering speeches
- Responding to what they have read or viewed, by making connections to the modern world.

Course Contribution \$50

Content**Option subject for one term**

This course requires students to manage resources to meet various design briefs. Students have the opportunity to develop practical skills in meal planning and product development. This subject provides useful background knowledge and skills for students intending to pursue careers in Hospitality, Catering, Nutrition, Restaurant and Food production.

Students will be able to engage with the thinking, knowledge and skills required to be successful within future Food related courses available up to Year 13.

The topics studied include:

- Technological practice
- Food preparation
- Management of resources

Content**Option subject for one term.**

By learning French, students can:

- broaden their understanding of people and their languages and cultures
- develop skills, attitudes, and understandings that will help them to learn other languages
- learn more about their own first language through becoming aware of how it resembles, and differs from, the French language
- Become more confident in communication
- Broaden their career opportunities, both in New Zealand and internationally

Year 9 French provides students with an introduction to French language and culture. Students' competence in both receptive skills (listening and reading) and productive skills (speaking and writing) will increase as they engage in a range of language activities.

Topics covered will include: Greetings and introductions; numbers, days of the week, communicating about personal information such as name, age, home, family, pets, favourite school subjects, sports, and nationality; and learning about French food and culture.

Course Contribution \$30 (Take home component only)

Content**Option subject for one term**

Materials Technology involves students developing projects which build their understanding of various material properties. Learning opportunities will include a combination of traditional hand tools, machine skills and Computer-aided design and manufacture. This subject provides students with useful problem-solving skills for life, building confidence through the successful construction of their own designs.

During their time in the workshops, students will be involved in various aspects of technology.

The topics studied include:

- Research and investigation
- Project design
- Hand and Machine tools
- Jointing techniques
- Computer aided design & manufacture

Knowledge and skills gained at this level are a foundation for students who wish to pursue hard materials technology based learning areas in Year 10, followed by Level 1 Building Construction, Engineering and Design. All areas have pathways up to Year 13.

Course Contribution \$55 (Take home component only)

Content**Option subject for one term**

Students who participate in Taonga Whakapaipai will work with wood, resin, leather, metal and acrylic materials to produce small art works, tokens and jewellery. Students will develop innovative practices by exploring the manipulations and transformations of a wide variety of materials. They will learn to plan and improve their projects and develop an understanding of sustainability and sustainable practices through research and application to produce a final technological outcome .

Taonga Whakapaipai embraces wānanga, ako and tangata whenuatanga values, that are the roots of creativity and design in this course. Students will engage in technological processes, research, designing and implementing techniques to produce a final product.

This option subject enables students to:

- Explore a variety of materials commonly used in construction and design
- Research and experiment with Technological Modelling
- Undertake Technological Practice and evaluate/refine ideas
- Develop skill level with techniques and processes

Knowledge and skills in this course transition into future courses such as Technology, Design and Visual Communication, Textiles and Engineering. All of these courses allow students to participate in NCEA Achievement Standards at Levels One, Two and Three.

Content**Option subject for one term**

Year 9 will be an introduction to Japanese. Topics covered in Year 7 will be revised and further topics will be the following:

- Greetings and farewells.
- Self-introductions.
- Numbers, days of the week and other material that leads to some basic communication.
- Learning the conventions of communicating in Japanese and developing an understanding of Japanese culture.
- A look at Japanese culture and how it relates to the language.
- A look at everyday life in Japan.
- Learn the Hiragana script to a stage where students can write words and small phrases in Hiragana.
- Interact in simple conversations.
- Start to develop the skills needed to understand and use spoken and written Japanese.

Content**Compulsory subject for one term**

Māori language develops students' knowledge of the language and culture of the Māori speaking world. Māori language is desirable for employment in government, education and health sectors.

The students' knowledge of Māori language and culture is extended. The emphasis is on increasing the student's confidence and understanding of Te Reo Māori. This course leads to Year 10 Maori where they get the opportunity to travel to Waitangi and NCEA Level 1 Māori and includes the following:

- Karakia
- Waiata
- Greetings and Farewells
- Ngā Mihi ~ Self-introductions
- Haka
- Flax weaving - Harakeke
- Māori myths and legends
- Marae visit - etiquette and protocol. Cost \$20 for Marae Trip.

Content

Mathematics involves the study of patterns in number and space. Many career choices require Mathematics as it is a precise way of communicating information.

Mathematics is a compulsory subject at Year 9.

This is an important year to consolidate previous learning. The examination held at the end of the year may help determine the future course that a student should follow in Mathematics.

The topics studied are:

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

Content**Compulsory subject for one term**

There are a variety of skills and knowledge acquired through the Year 9 music course. These encourage self-motivation, confidence, lateral thinking, and an ability to work both individually and as part of a group. All of the above are useful in any career.

Music is a compulsory option at Year 9. Year 9 music teaches the skills necessary for performance, composition, and appreciation of music. This leads on to Year 10 Music (Performance and Technology), the NCEA Level One Performance Music course, and the NCEA Level One Music technology course.

The topics studied include:

- Music performance on a variety of instruments (guitar, bass, piano, drums, vocals)
- Music creation on GarageBand and BandLab
- Developing listening and writing skills
- Music Technology notation and production skills

Pre-Requisite

Students need to be able to play an instrument competently in order to take this course (any instrument is accepted, and voice is considered an instrument)

Content**Option subject for one term**

There are a variety of skills and knowledge acquired through the Year 9 Music course. These encourage self-motivation, confidence, lateral thinking, and an ability to work both individually and as part of a group. All of the above are useful in any career.

Year 9 Music Performance teaches skills necessary for success in performance, composition, and aural/theory aspects of music. This leads on to Year 10 Music and the NCEA Level 1 Performance Music Course.

The topics studied include:

- Music performance in solo and group settings
- Composition
- Introduction to music Technology and recording

Content

Physical Education promotes the concept of 'Total Wellbeing' by the students developing confidence through success at physical skills and understanding how to take care of themselves mentally, socially, spiritually and physically.

Physical Education is compulsory for Year 9 students and is a full year course of three hours per week

Some of the topics covered may include:

- Large ball skills (Such as Basketball, Soccer)
- Small ball skills (Tennis, Softball)
- Co-operative and Adventure Based Learning Games
- Aquatics (Aquathlon)
- Dance/Te Ao Kori
- Gymnastics
- Basic anatomy
- Fitness testing
- Athletics
- Health Topics include Hauora & Bullying, Sexuality and Keeping Ourselves Safe. There is a particular focus on decision making throughout each unit. There is also an aspect of cyber safety awareness as we move into a more digital world.

This course has a strong emphasis on participation, co-operation, and developing interpersonal skills.

Content

Science involves students learning about the living, physical and material environment as well as outer space. Students carry out investigations and making sense of them in logical and creative ways.

Science helps students to clarify ideas, to ask questions, to test explanations through measurement and observation, and to use their findings to establish the worth of an idea.

Science is a compulsory subject at Year 9.

The topics studied include:

- The Human Machine – Food, Digestion and Sight
- Metals, Mixtures and Matter
- The Power of Light – Light, Photosynthesis and Cells
- Space
- Science Fair

This course has a strong emphasis on developing Science Capabilities as well as exploring and applying Science in our everyday life.

Content

Social Studies is the study of people in society and how interactions occur between cultures, societies and environments.

Social Studies helps students develop an understanding of the people and cultures around them. They develop and apply skills as they investigate society, explore issues, make decisions and work co-operatively with others.

Social Studies is a compulsory subject at Year 9.

The theme for the Year 9 year is Finding Our Place – finding out about our world and our place in it.

The topics studied include:

- Old World
- New World – changes and challenges
- Earth Under Pressure
- The Stolen Generation
- Religions of the World
- People's Government

Content**Option subject for one term**

Sport and Exercise Studies is an optional Physical Education course that is designed to provide a pathway into senior Physical Education and Sport and Recreation courses at Taieri College. It is a one term module that looks at four broad topics:

- Physical (fitness and fitness testing, nutrition, injuries)
- Psych (goal setting, self-talk, imagery, arousal control)
- Technical (skill analysis/peer appraisal)
- Tactical (game sense and decision making)

The Year 9 Sport and Exercise studies option provides students with the opportunity to explore the different fields within high performance sport.

This course is limited to approximately 25 students per term.

Students will take Physical Education in addition to this course.

Course Contribution \$60 to cover cost of materials (take home component only)

Students will explore sports and athleisure inspired streetwear to develop their own sweatshirt and applied logo. They will take inspiration from brands such as Adidas, Nike, P.E Nation, Puma, Reebok, New Balance and more to inform their logo design. Students will gain experience working with stretch fabrics, as well as vinyl cut logo making. Textiles Technology students will emerge themselves in problem solving and critical thinking in order to develop ideas that reflects their aesthetic, are functional and convey modern design trends.

Throughout this project students will develop skills and background knowledge should they wish to pursue a Product, Textile, Design, Material Sciences, Interior or Technology career.

This option subject enables students to:

- Experiment with commonly used athleisure fabrics and techniques
- Problem solve and undertake technological modelling
- Design and construct their own athleisure garment.
- Develop and apply their own logo to their product
- Learn how design impacts both the environment and the people around us.

Knowledge and skills gained at this level are a foundation for students who wish to pursue Textiles in Year 10, followed by NCEA Achievement Standards at Levels One, Two and Three.