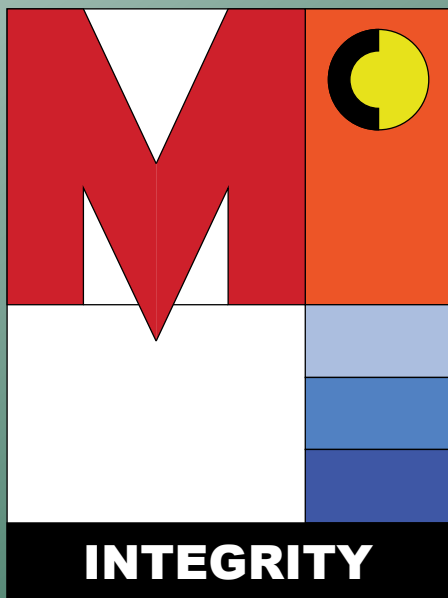


Menzies College Course Information for 2024



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NCEA - What is it?

Where to start? Entering the NCEA system can be very daunting for both students and parents. There are lots of new words that are important to know about and understand, new information to manage, assessments that generate grades for life, and success needs to be tracked to make sure everyone stays on target.

The following information is designed to guide students and parents through their introduction to this new chapter of their lives.

NCEA is the system used to manage records of academic achievement. It is split into 3 levels which roughly align to Year 11 (Level One), Year 12 (Level Two) and Year 13 (Level Three). Each NCEA Level is a step up from the previous one in terms of curriculum level, but access to credits at any level is not restricted by age or school year.

Students gain credits as reward for achieving a set standard. Credit values vary from standard to standard, but usually reflect the amount of work required to meet the standard.

Students gain a Level Certificate when they satisfy the credit requirements at that level. This is the most basic qualification and is usually the student's first priority. If students satisfy higher achievement, they can qualify for a Level Certificate with Merit or Excellence. Students who do well in a particular subject can also be awarded a Course Endorsement in either Merit or Excellence for that subject.

The requirements for the awards are:

Level One

- 60 Level One (or higher) credits which MUST include:
- 10 Numeracy credits and 10 Literacy co requisite credits. These are set at Level 5 of the curriculum and are sat when students are ready.

Level Two

- 60 Level Two (or higher) credits

Level Three:

- 60 Level Three (or higher) credits

Subject Endorsements**Merit Endorsement**

- At least 50 credits are Merit or Excellence

Excellence Endorsement

- At least 50 credits are Excellence

Course Endorsement:

- Merit - at least 14 credits at Merit or Excellence in a course
- Excellence - at least 14 Excellence credits in a course

An example of a student's record after completing Level One may be: Level One Certificate (with Merit Endorsement) with an Excellence Course Endorsement in Mathematics. This tells a future interested party that this student has generally achieved well but has a particular strength in Mathematics.

Credits are generated when students pass standards (pieces of work) in their chosen subjects. Each standard generates a certain number of credits.

Standards are either Unit Standards or Achievements Standards. Unit Standards are primarily aligned with vocational pathways (industry specific) while Achievement Standards relate to more traditional school subjects. Credits from either have the same value, but most Unit Standards do not allow for Merit or Excellence (Achieved only). All Achievement Standards allow Achieved, Merit or Excellence results.

Achievement Standards are assessed either Internally or Externally. External assessments are prepared by the New Zealand Qualifications Authority and are in the form of exams at the end of the school year. Internally assessed standards are administered by Menzies College and are offered throughout the year. Some subjects (e.g. Art) do not have exams for their externally assessed standards. These can require students to submit a portfolio or have a visiting assessor.

Unit Standards are all Internally Assessed.

Schools inform NZQA of standards that have been gained, and the associated grade. Students are able to look up this information on the NZQA website, the Student Portal of Edge and the Edge App.

Choosing subjects at Menzies College

Subject choices are made through a selection form that will be made available early in term 4. Each student in Year 11 next year will choose 4 subjects to study, English and Mathematics are compulsory.

This leaves 4 options subjects to choose from. Students are expected to read relevant information about subjects in this booklet and carefully consider their choices. It is important to note that these choices feed into the timetable structure. This means that these choices need to be as accurate as possible so that the school can cater for student needs in the best possible way.

The aim of this booklet is to provide information on the courses available. For each available course there is an aim of the course, an indication of what will be studied in each course and an indication of associated costs.

Students wishing to study a subject that is not offered in this website should talk to their Dean – Menzies College will always endeavour to meet the learning needs of our students. Available options in these cases include distance learning and correspondence.

Other things to consider

There are some future considerations to take into account when making choices for Year 11. Choices made now can have an effect on future pathways. Students who have a clear passion for a subject area need to make sure they are taking the correct options for future study in that area. Those who are looking to keep their options open need to make good choices to avoid restrictions in later years. Some subjects can be picked up at a later date quite easily, while others tend to have very clear pathways which make this more difficult. Students should be speaking to Subject Teachers, Whanau Teachers, Heads of Departments, Deans and our Careers Team if they have any questions. Below is some extra information about future years to come.

University Entrance

- To help with your course selection at Year 11, you may wish to bear in mind, that in Year 13 to go to university students need gain University Entrance (UE). To do this they need to:
- Attain NCEA Level 3
 - Achieve 14 credits at Level Three in each of three subjects from the list of approved subjects listed below
 - Achieve numeracy at Level 1
 - Achieve UE literacy at Level 2 – 10 credits (five in reading and five in writing) at Level 2 and above from specific standards

Approved subjects for University Entrance

The list of approved subjects will be updated as subjects meet the criteria.

Accounting	Agriculture and Horticulture	Biology
Business Studies	Chemistry	Computing
Design (Practical Art)	Economics	English
Geography	Graphics	Health Education
History	Home Economics	Statistics and Modelling
Painting (Practical Art)	Physical Education	Physics
Technology		

Vocational Pathways

Vocational Pathways were developed between industry and the education sector to show students the direction they are heading in during their time at school. Most standards offered have a clear Vocational Pathway. For more information on how a course aligns to Vocational Pathways, the subject teacher or the Head of Department are the best people to talk to. The Vocational Pathways website also has a wealth of information here.

The six pathways align with six major industry sectors:

- Primary Industries
- Services Industries
- Social and Community Services
- Manufacturing and Technology
- Construction and Infrastructure
- Creative Industries

Agricultural Science

Level 1 - Agricultural Science

Course outline:

Learning in Agricultural and Horticultural Science develops students' understanding of the interconnectedness of all aspects of the growing environment, which includes people, soils, water, climate, plants, and animals.

Ākonga will learn about on-site decisions as well as the off-site considerations that influence the production of primary products. There is a strong emphasis on environmental sustainability, and a focus on innovation in response to economic and environmental challenges. We will study livestock production systems, soil science, the environmental impacts of agricultural and horticultural production and factors that influence the purpose and location of primary production.

Assessment Method:

There are two internal assessments:

- AS 91928 - Agricultural and Horticultural Science 1.1 - Demonstrate understanding of a life process and how it is managed in a primary production system. 6 CREDITS
- AS 91929 - Agricultural and Horticultural Science 1.2 - Demonstrate understanding of factors that influence the purpose and location of primary production. 5 CREDITS

There will be an exam in November for:

- AS 91930 - Agricultural and Horticultural Science 1.3 - Demonstrate understanding of how soil properties are managed in a primary production system. 5 CREDITS

Application requirements:

Anybody can enrol.

Where does this course lead:

Primary production is of national significance as it provides significant

export earnings, self-sufficiency, and employment opportunities. The knowledge and skills that ākonga develop through their learning in Agricultural Science will see students prepared for study of Agriculture, Chemistry and/or Biology in Year 12.



Level 2 - Agriculture

Course outline:

Year 12 Agriculture is a unit standard based course, suitable for students who are not intending to go to university.

There are a range of Level 2&3 unit standards available depending on student interest, covering a range of topics, including:

Weather forecasting

Farm dog breeds

Sheep breeds

Cattle breeds

Calf rearing

Dairy farm design

Animal health

Animal physiology

Pest control

Sheep breeding and ram selection

There may be an opportunity to gain practical standards, such as: quadbike and motorcycle riding, fencing and dagging sheep.

Assessment Method:
All standards are internally assessed.

Application requirements:
Anyone can enrol.

Where does this course lead:
There are a multitude of careers available in the Primary production field, including Farmhand, shearer, dairy assistant or rural contractor. Students may also wish to enrol in further study at Telford or gain a farming apprenticeship through Growing Future Farmers or similar.



Level 3 - Agribusiness

Course outline:
We will study biosecurity and the potential effect of introduced pests and diseases, like Mycoplasma bovis, or stinkbugs. The financing unit looks at types of loans and the costs. For example, how banks work out how much money sharemilkers can borrow to buy a farm of their own, the benefits and costs of different loan types. Innovation examines how New Zealand agribusinesses need to add value to their products and services

by focusing on becoming the smorgasbord of the Southern Hemisphere and not just its food bowl. We will analyse a human resource issue affecting businesses, for example the shortage of dairy farm workers, and ways to solve it. Students who require UE literacy credits may wish to take to the optional standard, where they will research and report on the impact of factors on the profitability of a New Zealand primary product.

Assessment Method:
Agribusiness is a fully internally assessed University Entrance course. There is no requirement to have taken Agriculture in Year 11 or 12. This combination of standards will give you a minimum of 15 credits, more than the 14 credits required for UE. There is no external examination so students cannot gain course endorsement.

Application requirements:
Open entry. There are no pre-requisites.

Where does this course lead:
Students may use this course as preparation for degrees majoring in Commerce, Food marketing, Agricultural Science, Animal Science, Agribusiness, or simply use it as one of the required subjects to gain UE. Past Menzies Agribusiness students are now undertaking tertiary study at Lincoln, Canterbury, Massey and Otago universities.



Visual Arts

Level 1 Art

Course outline:

We will cover four Achievement standards.

- 1.1 AS91912 - Use Practice-based visual inquiry to explore Aotearoa New Zealand's Māori context and another cultural context. (5 credits internally assessed)
- 1.2 AS91913 - Produce a resolved artwork appropriate to established art making conventions. (5 credits internally assessed)
- 1.3 AS91914 - Explore Visual Arts Processes and Conventions to inform own art making. (5 credits externally assessed)
- 1.4 AS91915 - Create a sustained body of related artworks in response to an art making proposition. (5 credits externally assessed)

Assessment Method:

Two Internal Assessments (1.1 & 1.2) and two External Assessments (1.3 & 1.4).

Application requirements: Having taken Year 10 Art is ideal but not a strict requirement. You will need to be prepared to complete work in your own time and be willing to let your creative juices flow.

Where does this course lead: This course will lead you further into the arts and creative careers. This course is for you if you are interested in developing your creative, critical, reflective and deep thinking skills. It will also help you to develop your communication skills. Our world is continually evolving and more and more the creatives are being valued across the employment sector. Arts courses can lead you into design, education, animation, film making, journalism and engineering to name a few. Yale makes their medical students take a compulsory art course with the aim of refining observation skills and the ability to think beyond the square. Art is a fantastic starting point for many dynamic and interesting careers. It is also a fantastic subject to complement a timetable to keep options open for students who are unsure of their future pathway. This course is a prerequisite to Level 2 and 3 Art.

Level 2 Art

Course Outline: We will cover 3 Achievement Standards.

- 1.2 AS91311 Use drawing methods to apply knowledge of conventions appropriate to painting (4 credits Internally Assessed)
- 1.3 AS91316 Develop ideas in a related series of drawings appropriate to established painting practice (4 Credits Internally Assessed)
- 1.4 AS91321 Produce a systematic body of work that shows understanding of art making conventions and ideas within painting (12 Credits Externally Assessed)

Assessment Method: 1.2 & 1.3 are internals. 1.4 is an external (Art Board)

Application Requirements: Having taken Level One Art or by discretion of the HOD.

Where does this course lead: This course will lead you further into the arts and creative careers. This course is for you if you are interested in developing your creative, critical, reflective and deep thinking skills. It will also help you to develop your communication skills. Our world is continually evolving and more and more the creatives are being valued across the employment sector. Arts courses can lead you into design, education, animation, film making, journalism and engineering to name a few. Yale makes their medical students take a compulsory art course with the aim of refining observation skills and the ability to think beyond the square. Art is a fantastic starting point for many dynamic and interesting careers. It is also a fantastic subject to complement a timetable to keep options open for students who are unsure of their future pathway. This course is a prerequisite to Level 3 Art and is essential for students who are looking to enter courses that require a portfolio as part of their entry criteria.

Level 3 Art

Course Outline: Three Achievement Standards

- AS91446 3.2 Use drawing to demonstrate understanding of conventions appropriate to painting (4 Credit Internal)
- AS91451 3.3 Systematically clarify ideas using drawing informed by established painting practice (4 Credit Internal)
- AS91456 3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice (14 Credit External)

Assessment Method: Two internals 3.2 & 3.3. One External (art board) worth 14 credits.

Application Requirements: Having taken Level One and Two Art or by discretion of the HOD.

Where does this course lead: This course will lead you further into the arts and creative careers. This course is for you if you are interested in developing your creative, critical, reflective and deep thinking skills. It will also help you to develop your communication skills. Our world is continually evolving and more and more the creatives are being valued across the employment sector. Arts courses can lead you into design, education, animation, film making, journalism and engineering to name a few. Yale makes their medical students take a compulsory art course with the aim of refining observation skills and the ability to think beyond the square. Art is a fantastic starting point for many dynamic and interesting careers. It is also a fantastic subject to complement a timetable to keep options open for students who are unsure of their future pathway. This course is essential for students who are looking to enter courses that require a portfolio as part of their entry criteria.

English

Level 1 English

This is a compulsory subject for students at Menzies College.

In 2024 we are offering THREE out of the four Achievement Standards available. Students will be able to gain 15 credits in this course via internal and external assessment.

English aims to encourage analysis and critical thinking and will extend already established key literacy skills. The classes will use a variety of texts throughout the year which will allow students a variety of ways to engage and our program encourages students to self-select text and assessment modes which appeal to their interests whilst developing their understanding.

The three Achievement Standards on offer allow students to gain a Subject Endorsement whilst not over-loading them with assessment. We are designing a program which will allow students to have an assessment free term, thus allowing them to learn and engage with the program without the pressure of assessment. We envisage that our assessment free term will be Term One.

Level 2 English

The Level Two English programme provides opportunities for students to develop their literacy skills and form greater connections to the world through promoting analysis and critical thinking. The Department strives to use texts which are relevant and challenging to students and which are of 'high interest'. The skills learnt in English are critical to the successful completion of assessment across a wide range of other curriculum areas.

Students entering Level two English are recommended to have a minimum of ten Level One English credits ideally from the English 101 course.

Aims: To encourage in our students "the use and enjoyment of the English language and its literature" (New Zealand Curriculum). Students taking this course will have a genuine interest in text and a questioning mind.

Synopsis: Level Two English focusses on extending the skills of our students through relevant and challenging texts. This course is largely visual and students are encouraged to select their own areas of study. The texts frequently discussed during this course range from film to documentaries to video gaming to poetry. Students will study these texts using a thematic approach.

Level 3 English

Students entering Level Three English are recommended to have a minimum of ten Level Two English credits.

To continue to develop “enjoyment of the English language and its literature” (New Zealand Curriculum). This course is designed to encourage students to think carefully about the world around them. Whilst doing so they will consider these questions: What influences us? What is it that makes us ‘us’? Internal assessment will be based around: Connections, Research and Seminar. External assessment will require students to sit a minimum of one, maximum of two examinations.

Science

Level 1 Combined Science Pūtaiao

This combined Science Pūtaiao course covers Biology Koiora, Chemistry Matū and Physics ahupūngao and will be assessed using the new NCEA standards. You will learn the basis of these 3 Science disciplines and if you choose to study a single Science at Level 2, it will ensure that you have a good foundation to which to build on.

We will be offering a minimum 15 credits, with 1 External Assessment and 2 Internal Assessments.

Possible External Assessments

- AS92047 - Demonstrate understanding of energy in a physical system (5 credits)
- AS92022 - Demonstrate understanding of genetic variation in relation to an identified characteristic (5 credits)

Possible Internal Assessments

- AS92021 - Demonstrate understanding of a chemical reaction in a specific context (5 credits)
- AS92044 - Demonstrate understanding of human-induced change within the Earth system (5 credits)
- AS92020 - Demonstrate understanding of the relationship between a microorganism and the environment (5 credits)

Please note that not all of these assessments will be taken by a student in Y11 Combined Science Pūtaiao.

The specifics of this course and the assessments are decided at the start of the year to take into account the interests of the students who opt for this subject.

Science Investigation Whakatewhatewha Pūtaiao

This Friday option is aimed at students who would like to develop their Science investigation skills and will focus on Internal Assessments. Students who choose this option will spend the year investigating an area of Science that interests them and will develop their practical skills as well as their critical thinking, communication and pattern seeking expertise.

The assessments offered can be taken from across the Science disciplines at Level 1, 2 and/or 3.

Please note that the specifics of this course and the assessments are decided upon throughout the year to take into account the interests and the abilities of the students who opt for this subject.

Level 2 Biology Koiora

Next year in Biology Koiora we will be focusing on Cytology / Cell biology. You will learn how a cell functions and the life processes that the smallest unit of life performs.

We will be offering a minimum 15 credits, with 1 External Assessment and 3 Internal Assessments.

These could be:

External Assessment

- AS91156 - Demonstrate understanding of life processes at the cellular level (4 credits)

Internal Assessments

- AS91153 - Carry out a practical investigation in a biology context, with supervision (4 credits)
- AS91160 - Investigate biological material at the microscopic level (3 credits)
- AS91158 - Investigate a pattern in an ecological community, with supervision (4 credits)

There will be an option to complete a further Internal or External Assessment.

Please note that the specifics of this course and the assessments are decided at the start of the year to take into account the interests of the students who opt for this subject, so these assessments may change.

Level 3 Biology

Physics is about finding explanations for why and how things happen. In Year 13 Physics we are building on knowledge gained in Year 12 in the areas of nuclear and atomic physics, mechanics and waves. Physics is an experimental science, where scientists take measurements, alter conditions and try to discover relationships. There will be at least 18

credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.

Level 2 Chemistry

In Chemistry we seek to explain the chemical and material world around us in its most fundamental form. We will study everything around us, from the air we breathe and the food we eat, to the chemistry of a comet, the planets, and beyond. Chemistry involves the study of the structure and nature of substances, how they behave chemically, and the synthesis of new substances; in short, taking things apart and putting them together. During the year students will perform a series of titrations to analysis the concentration of an unknown solution. They will also analysis different solutions and identify contents using qualitative analysis skills. Students will complete two external standards learning about atoms and molecules structure including bonding and energy and organic chemistry. Students must have successfully completed either Biological or Physical Sciences at year 11.

There will be at least 18 credits offered and will be assessed using Achievement Standards with a combination of Internal and external assessments.

Cost: \$30 to purchase a workbook. This is not compulsory, but is strongly recommended.



Level 3 Chemistry

This course builds on work from the Year 12 Chemistry course. Internal Standards involve students learning to read and interpret spectroscopy data. Understand how batteries work, perform titrations to identify a trend or pattern and spend two days at Otago University completing a practical investigation. Students will complete two external standards learning about how organic compounds interact within our environment, how atoms behave in different structures and the Energy involved in chemical reactions.

There will be at least 18 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.

Cost: \$30 for workbooks. This is not compulsory, but is strongly recommended.



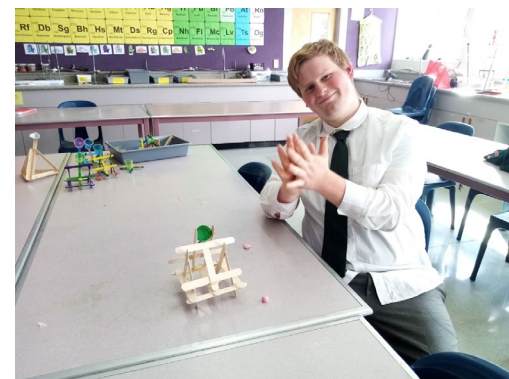
Level 2 Physics

In Physics we seek to explain the physical world around us in its most fundamental form by looking at energy, forces, motion, waves, electricity and radioactivity. Physics is essential for careers such as engineering, architecture, electronics and all the hi-tech industries such as programming and robotics. In this year there is a strong emphasis on developing practical skills through ongoing investigations and on problem solving skills. During the year we explore how New Zealand's most famous scientist Ernest Rutherford improved the model of the atom, why cars going too fast round corners crash and how to improve the safety of passengers in a car crash. In waves we look at how lenses and optical fibres work and students can then choose a topic of their own to research. Students must have successfully completed Physical Sciences or seek a recommendation from the Head of Science to see if they are likely to be successful. There will be at least 16 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.



Level 3 Physics

Physics is about finding explanations for why and how things happen. In Year 13 Physics we are building on knowledge gained in Year 12 in the areas of nuclear and atomic physics, mechanics and waves. Physics is an experimental science, where scientists take measurements, alter conditions and try to discover relationships. There will be at least 18 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.



Financial Literacy

Financial Literacy Level 3

Course outline: UNIT STANDARD COURSE

- US 28098 - Evaluate options to increase personal income. (3 credits)
- US 28100 - Develop a plan to achieve a long-term personal financial goals. (4 credits)
- US 28102 - Demonstrate understanding of risk and return on investment for a personal financial investment portfolio. (4 credits)
- US 28103 - Analyse and select personal financing options for purchasing a property. (3 credits)
- US 28104 - Analyse the impact(s) of external factors on personal finances. (3 credits)
- US 28099 - Analyse credit options and select strategies to manage personal finances. (3 credits)

Assessment Method:

All assessments are internally assessed.

All assessments are open book assessments.

Financial Literacy awards Merit and Excellence Grades

Application requirements:

None

Where does this course lead:

There are NO LITERACY or NUMERACY credits attached to this course.

This is a Unit Standard Course and helps pupils understand the modern financial world.

All material obtained from Young Enterprise Scheme



Gateway

Level 2 Gateway

Gateway is a vocational programme which offers students the opportunity to blend school study with workplace learning and experience through increasing their career related skills and investigating work placements for their future career pathways. The course covers careers' related unit standards in class as well as health and safety and first aid standards. Students also go out one day a week, usually Friday, to a placement for a minimum of ten days which is organised by the Gateway team.

Assessment Method: Unit Standards

Application requirements: NCEA Level One and be able to meet criteria set by the Tertiary Education Commission which provides some funding for Gateway. The criteria includes: being motivated, being work ready, having a good work ethic and being able to gain 20 credits through the Gateway course. You must also be able to travel to your placement. This means you need at least to have your restricted licence and access to a vehicle or your family can transport you to and from your placement.

If you are interested in taking Gateway as a subject next year, please call in to collect an information sheet from Mrs Williams or Mr Clark in the careers' office asap. We will need to start approaching possible employers early next term regarding Gateway placements.

Where does this course lead? This course can lead into most careers as Gateway enables students to try out potential careers and build links to training organisations, apprenticeships and workplaces, helping them to transition smoothly from school to work.



Level 3 Gateway

Gateway is a vocational programme which offers students the opportunity to blend school study with workplace learning and experience through increasing their career related skills and investigating work placements for their future career pathways. This course covers one careers' related unit standard in class as well as health and safety and first aid standards if students do not have these standards. Students are then encouraged to study, with teacher assistance, unit standards relevant to their vocational pathway through distance learning provided by an outside provider. Students also go out one day a week, usually Friday, to a placement for a minimum of ten days which is organised by the Gateway team.

Assessment Method: Unit Standards

Application requirements: NCEA Level Two and be able to meet criteria set by the Tertiary Education Commission which provides some funding for Gateway. The criteria

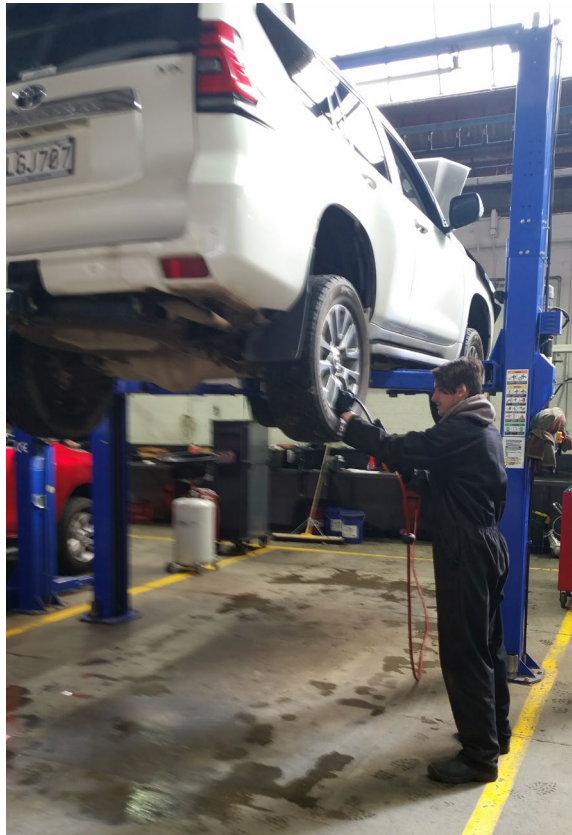
includes: being motivated, being work ready, having a good work ethic and being able to gain 20 credits through the Gateway course. You must also be able to travel to your placement. This means you need at least

to have your restricted licence and access to a vehicle or your family can transport you to and from your placement. If you are interested in taking

Gateway as a subject next year, please call in to collect an information sheet from Mrs Williams or Mr Clark in the careers' office asap. We will need to start approaching possible employers early next term regarding Gateway placements for 2024.

Where does this course

lead? This course can lead into most careers as Gateway enables students to try out potential careers and build links to training organisations, apprenticeships and workplaces, helping them to transition smoothly from school to work. Some students are able to study unit standards through long distance Gateway programmes which enable them to cross credit standards achieved to apprenticeships.



Health Studies

Level 1 Health

Students who choose to take Health at Level 1 in 2024 will be completing the new Achievement Standards, completing two Internal Assessments and two External Assessments for a total of 20 credits for the year.

Students will build on content knowledge gained in Junior Health. The subject's Big Ideas and Significant Learning are collated into a Learning Matrix for Curriculum Level 6.

The students will be in a multi-level class with Level 2 and 3 students. The Four underlying concepts will be taught to all students at the start of the year, before each Level starts their respective assessments (All based on the underlying concepts). The Four underlying concepts are: Hauora, Attitudes and Values, Socioecological perspective and Health promotion.

Possible Pathways for students who take Health include; Health Sector, Community Services Sector, Hospitality, Science, Management/ Consulting, Government, Law,

Level 2 Health

Teacher - Mr Ritani

Students who choose to take Health at Level 2 in 2024 will be completing the old Achievement Standards, completing three Internal Assessments and one External Assessments for a total of 20 credits for the year.

Students will build on content knowledge gained in Junior Health and Level 1 Health. The subject's Big Ideas and Significant Learning are collated into a Learning Matrix for Curriculum Level 6.

The students will be in a multi-level class with Level 1 and 3 students.

The Four underlying concepts will be taught to all students at the start of the year, before each Level starts their respective assessments (All based on the underlying concepts). The Four underlying concepts are: Hauora, Attitudes and Values, Socioecological perspective and Health promotion.

Possible Pathways for students who take Health include; Health Sector, Community Services Sector, Hospitality, Science, Management/ Consulting, Government, Law,

Level 3 Health

Students who choose to take Health at Level 3 in 2024 will be completing the old Achievement Standards, completing three Internal Assessments and one External assessments for a total of 20 credits for the year.

Students will build on content knowledge gained in Junior Health, Level 1 and 2 Health. The subject's Big Ideas and Significant Learning are collated into a Learning Matrix for Curriculum Level 6.

The students will be in a multi-level class with Level 1 and 2 students. The Four underlying concepts will be taught to all students at the start of the year, before each Level starts their respective assessments (All based on the underlying concepts). The Four underlying concepts are: Hauora, Attitudes and Values, Socioecological perspective and Health promotion.

Possible Pathways for students who take Health include; Health Sector, Community Services Sector, Hospitality, Science, Management/Consulting, Government, Law,



Mathematics

Level 1 Mathematics

Mathematics is compulsory for all year 11 students as part of the NCEA requirement to gain Level 1 Numeracy. Students can gain the 10 credits required for Numeracy through a range of pathways. From 2023 students from year 10 will be given opportunity to sit the Numeracy Co Requisite 32406 which is worth 10 credits and is required for NCEA.

Mathematics is a very useful subject and is a requirement for most occupations and a prerequisite for many tertiary courses.

In 2024 Menzies will offer programmes in mathematics that will be flexible and subject to change so we can best meet students' needs. Whanau will have an opportunity to discuss this at subject confirmation at the start of 2024.

Most year 11 students who will start 2024 will be in a non-streamed mathematics class. Both classes will sit the new internal standards 1.1 which has a statistical focus and 1.2 which has a mathematical focus. Both standards are worth 5 credits. In term 3 students will begin preparation for externals, these are both worth 5 credits. All students will be expected to sit at least one external.

A third class, if required, will have a Numeracy focus with students sitting the Numeracy standard 32406.

We will offer opportunities for every student to gain Level 1 Numeracy. A Scientific calculator is essential for all students studying senior mathematics and a graphics calculator is highly recommended for those studying pure mathematics.

Level 2 Mathematics

Entry into Level 2 Mathematics is at the discretion of the HOD in consultation with whanau. Students are expected to have achieved at least one external in Level 1 and to have gained a good level of achievement in internals in year 11.

The course has a mixture of pure mathematics content such as Calculus, Sequences and Series, Trigonometry and Statistical content including Inference, Simulations and Probability. A graphics calculator

is recommended for students taking this course. Students will complete work in at least 5 Internals and have the opportunity to sit 2 externals, Calculus and Probability.

Mathematics is not compulsory at Level 2 although highly recommended for students who are looking at tertiary study.

A graphics calculator is very useful for this course.



Level 3 Mathematics

Entry into Level 3 Mathematics is at the discretion of the HOD in consultation with whanau.

Students are expected to have achieved in at least one external and have gained a good level of achievement in Level 2 internals.

Both Statistics and Calculus will be offered and students may choose one or both of these courses.

Calculus has a pure mathematics focus with topics such as Trigonometric Equations, Conic sections, Differentiation and Integration been offered. It is often a pre requisite of tertiary courses, especially engineering. Statistics has a softer mathematical focus with the emphasis being on analysis of data. A good level of literacy is required. Topics covered include Bivariate and Time Series data, Linear programming and Simultaneous equations. Access to a laptop is essential.

A graphics calculator and laptop are essential for both Level 3 mathematics courses.

Outdoor Education

Adventure Education (Outdoor Education)

(Level 2&3 Students mixed classes)

Tuesday Line: ADE201

Friday Line: FDE301

Course outline:

Students will be able to choose the best line of fit for them & their timetable for this course. Two separate classes will be run with the weekly outing taking place on Tuesday afternoons, and two one hour classes spread throughout the week. The other class will be run on a Friday, from Period 2 -5, or sometimes all day Friday if we are away on a big trip. Both courses will be very similar, offering the same L3 Unit Standards.

We will be assessing students using a wide range of Unit Standards at Level 3. Each week, students will take part in a session of Adventure Based Learning activities. These are geared to encourage positive social interactions, team work, problem solving and leadership. Most weeks an out of school trip is planned for the students, With the various term focus being based on the following:

- Term 1: Kayaking (Local rivers, Wanaka camp)
- Term 2 : Ropes, Abseil, Climbing (YMCA Invercargill indoor climbing, Adventure Southland)
- Term 3: Bushcraft / Survival: local bush, Navigation, Overnight survival experience
- Term 4: Mountain biking : Local areas, Sandy point , Invercargill, Dolamore Park

2024 camping experiences and approximate costs for overnight camps:
(No Course fees for general course program)

- Wanaka Camp - End of Term 1 : \$270 (Both Classes)
- Leading @ Tautuku Y9 Camp - End of Term 2 : \$90 (Friday Class)
- Snow Caving (Optional, Not assessed for credits, (Friday Class) - Term 3 : \$140
- Bush Survival Overnighter- Start of Term 4, Both Classes: \$40

Assessment Method:

Unit Standard Assessments at Level 3. These are a mix of theory bookwork and practical assessment which students demonstrate while out on our weekly trips.

Application requirements:

There are no prior prerequisites. However, students looking to do this course need to have good organisational skills and be prepared with correct gear for class outings into the whenua each week. They will need a positive attitude and be willing to make the most of every opportunity provided.

Where does this course lead:

This course will enable students to gain confidence, valuable communication, leadership and life skills that will be applicable to your future endeavours. If you are looking to get into the education or outdoors sector as a possible career choice, this course would be beneficial.

Note: The Course assessments are run on a yearly rotation cycle. If you took outdoor last year as a Year 12, you can take it again, as you'll be being assessed on a new course of Unit standards in 2024!. We expect to be offering around 20 L3 Unit Standard credits for this course in 2024.



Physical Education

Level 1 Physical Education

Course outline: The purpose of this course is to understandings *about* how the body works, and on ways to maintain and enhance physical experiences. It also encourages us to look at the sociocultural factors which influence movement itself and movement contexts. It recognises that taking part in movement enriches us by creating meaning and enjoyment. We can also use movement to enrich the lives of others as well.

Assessment Method: The course can offer a total of 20 credits. Two internal standards and two external standards. The external standards are not exam based and are a portfolio of work gathered over the course of the year. Students will have 4-6 hours to compile this work into a suitably formatted portfolio.

Merit and Excellence endorsements are on offer in this course. 15 or more credits at the appropriate level of which at least 5 have to be from an external standard.

Application requirements: Suitable participation at Year 10 in Physical Education classes

Where does this course lead: Level 2 Physical Education, Level 2 Outdoor Education and if offered Level 2 Recreational Studies

Level 2 Physical Education

Course outline: The purpose of this course is to understandings *about* how the body works, and on ways to maintain and enhance physical experiences. It also encourages us to look at the sociocultural factors which influence movement itself and movement contexts. It recognises that taking part in movement enriches us by creating meaning and enjoyment. We can also use movement to enrich the lives of others as well.

Assessment Method: The course can offer a total of 20 credits. It is an all internal assessed course with no external standards to be sat at the end of the year. One standard is entirely practical while the remaining standards are written based they will still include some practical application. Merit and Excellence endorsements can be achieved. 14 or more credits must be obtained at the appropriate level

Application requirements: Suitable achievement at Level 1 Physical Education

Where does this course lead: Level 3 Physical Education, Murihiku Trades Academy & Hokonui Program Level 3 Individual Fitness Group Training – SIT



Level 2 Recreational Physical Education

Course outline: This course will allow students to understand and manage their own participation and engagement in physical activities, develop friendly respectful relationships with others, and develop more open communication skills amongst each other.

Assessment Method: The course can offer a total of 14 credits. It is an all internal assessed course with no external standards to be sat at the end of the year. One standard is entirely practical, while the remaining standards are written based they will still include a significant amount of practical.

Merit and Excellence endorsements can be achieved. 14 or more credits must be obtained at the appropriate level

Application requirements: Suitable achievement at Level 1 Physical Education

Where does this course lead: Level 3 Physical Education, Murihiku Trades Academy & Hokonui Program Level 3 Individual Fitness Group Training – SIT

Level 3 Physical Education

Course outline: The purpose of this course is to understandings *about* how the body works, and on ways to maintain and enhance physical experiences. It also encourages us to look at the sociocultural factors which influence movement itself and movement contexts. It recognises that taking part in movement enriches us by creating meaning and enjoyment. We can also use movement to enrich the lives of others as well.

Assessment Method: The course can offer a total of 19 credits. It is an all internal assessed course with no external standards to be sat at the end of the year. One standard is entirely practical while the remaining standards are written based they will still include some practical application.

Merit and Excellence endorsements can be achieved. 14 or more credits must be obtained at the appropriate level

Application requirements: Suitable achievement in Level 2 Physical Education

Where does this course lead: University entrance accredited course, Otago Physical Education School or any Sports and Recreation course at Polytechnics such as SIT.

Technology Courses

Level 1 Design and Visual Communication

Course description

In Design and visual communication (Graphics) you will need to investigate a problem, sketch concepts and produce formal drawings to express your ideas. You will work through two different projects to fully cover all the skills required. You will be introduced to a wide range of skills including: formal and freehand drawing, pencil rendering, the use of different drawing mediums, model making, computer-aided design and most importantly the design process.

Assessment Method

Your work will be assessed using Achievement Standards that are internally and externally assessed. There will be a maximum of 20 credits offered, the external standards are assessed from a portfolio of your work not an exam.

Application requirements

There are no entry requirements for the course, but some knowledge of Art or Graphics would be an advantage.

Where does this course lead?

Learning to express your design ideas through drawing is a useful skill in many aspects of life. Studying Graphics would be useful if you are considering a design based career, Engineering or the Construction trades.

Level 2 Design and Visual Communication

Course description

In Design and visual communication (Graphics) you will need to investigate a problem, sketch concepts and produce formal drawings to express your ideas. You will work through two different projects, in one you will develop a product and in the other you will solve an architectural problem. You will develop and extend a wide range of skills including: formal and freehand drawing, pencil rendering, the use of different drawing mediums, model making, computer-aided design and most importantly the design process.

Assessment Method

Your work will be assessed using Achievement Standards that are internally and externally assessed. The external standards are assessed from a portfolio of your work not an exam. There will be at least 20 credits offered.

Application requirements

There are no entry requirements for the course, but some knowledge of Art or Graphics would be an advantage. It is highly recommended that you studied DVC or Art at Level 1.

Where does this course lead?

Learning to express your design ideas through drawing is a useful skill in many aspects of life. Studying Graphics would be useful if you are considering a design based career, Engineering or the Construction trades.

Level 3. Design and Visual Communication

Course description

In Design and visual communication (Graphics) you will need to investigate a problem, sketch concepts and produce formal drawings to express your ideas. You will work through two different projects, in one you will develop a product and in the other you will solve an architectural problem. You will further develop and extend a wide range of skills including: formal and freehand drawing, pencil rendering, the use of different drawing mediums, model making, computer-aided design and most importantly the design process.

Assessment Method

Your work will be assessed using Achievement Standards that are internally and externally assessed. The external standards are assessed from a portfolio of your work not an exam. There will be at least 18 credits offered.

Application requirements

There are no entry requirements for the course, but some knowledge of Art or Graphics would be an advantage. It is highly recommended that you studied DVC or Art at Level Two.

Where does this course lead?

Learning to express your design ideas through drawing is a useful skill in many aspects of life. Studying Graphics would be useful if you are considering a design based career, Engineering or the Construction trades. All standards in DVC are accredited for University Entrance.

Level 1 Digital Technology

Course description

This course will be an introduction to Digital Technology. During the year the students will develop skills in all areas of Digital Technology. A typical course will involve web design and computer presentation techniques, image capture (photography) and image manipulation using photoshop, and desktop publishing using InDesign, Illustrator and Photoshop. While students are developing skills in the first half of the year they will be assessed using Generic Computing Unit Standards (these only allow students to gain an Achieved grade). In the second half of the year they will undertake bigger projects that are assessed using Achievement Standards where they can gain Merit or Excellence.

Assessment Method

A mixture of Unit Standards and Achievement Standards

Application requirements

This course is open to all students.

Where does this course lead?

You will learn a lot of computing skills that will be useful in all your studies, especially presentation software. You will develop skills and knowledge that will be necessary in a design based career (Game Design, Architecture, CAD, Film and Animation) and Computer Science.

Level 2 Digital Technology

Course description

The course will be reasonably flexible based on the requirements of individual students. A typical course will involve web design and computer presentation techniques, image capture (photography) and image manipulation using photoshop, and desktop publishing using InDesign, Illustrator and Photoshop. A full Achievement Standard course can be offered to a student who is working towards University Entrance or looking for endorsements.

Assessment Method

Work will be mainly project based and assessed through Generic Computing Unit Standards and Visual Arts Achievement Standards. There will be at least 20 credits offered and will be assessed using Achievement Standards with internal assessments.

Application requirements

The course is open to all students, the standards offered could be attempted by a motivated student new to Digital Technology with the expectation of covering most of the standards.

Where does this course lead?

You will learn a lot of computing skills that will be useful in all your studies, especially presentation software. You will develop skills and knowledge that will be necessary in a design based career (Game Design, Architecture, CAD, Film and Animation) and Computer Science.

Level 3 Digital Technology

Course description

At Level Three students normally have a reasonable understanding of computer technology and software. The course will be reasonably flexible based on the requirements of individual students. A typical course will involve web design and computer presentation techniques, image capture (photography) and image manipulation using photoshop, and desktop publishing using InDesign, Illustrator and Photoshop.

Assessment Method

You can choose to undertake Unit Standards or Achievement Standards based on your knowledge and experience. A full Achievement Standard course can be offered to a student who requires University Entrance. There will be at least 18 credits offered.

Application requirements

The course is open to all students, the standards offered could be attempted by a motivated student new to Digital Technology with the expectation of covering most of the standards.

Where does this course lead?

You will learn a lot of computing skills that will be useful in all your studies, especially presentation software. You will develop skills and knowledge that will be necessary in a design based career (Game Design, Architecture, CAD, Film and Animation) and Computer Science.

Level 1 Technology Wood

Course description:

Students will design and make a number of projects from wood and other resistant materials. Students cover the Design Process to; investigate, plan, evaluate, design and implement projects specific to stakeholder needs. Students will complete the course with a working understanding of safety, tools, machinery and routines common with a Wood Trade environment.

Assessment Method: The course will be assessed using a mixture of Unit Standards and Achievement Standards.

Application requirements: The course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or other practical based career, this course will teach you some useful skills.

Cost: \$130. This cost includes all materials for a take home project



Level 2 Technology Wood

Course description:

It is expected that students who take this course have a keen interest in carpentry and making quality products. The course will further develop the skills learnt at Level One with more of an emphasis on Excellence. Students cover the Design Process to; investigate, plan, evaluate, design and implement projects specific to stakeholder needs. They will construct a number of projects predominantly out of timber. Students will complete the course with a working understanding of safety, tools, machinery and routines common with a Wood Trade environment.

Assessment Method

The course will be assessed using a mixture of Unit Standards and Achievement Standards.

Application requirements:

It is recommended that students studied Woodwork at Level One, but the course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or other practical based career, this course will teach you some useful skills.

Cost: \$130. This cost includes all materials for a take home project

Level 3 Technology Wood

Course description;

This is a Unit Standard course for students are interested in pursuing a career in the building industry. The course will be mainly practical work, but does have an important theory component. Students will be expected to work safely individually and fully contribute in the completion of projects.

A Stage 3 BCATS project is one undertaken in a BCATS environment under limited supervision, using a broad range of tools, equipment, machinery and materials, and involving a range of standard processes. The Level 3 unit standards do not specify particular projects. Instead, a project's suitability is determined by its complexity and the ability to meet unit standards' outcomes at Level 3. This provides flexibility for students (and teachers) to choose projects according to their interests and circumstances.

The students and teacher will decide on suitable projects at the beginning of the year.

Assessment Method

There will be at least 20 credits offered and will be assessed using Unit Standards with internal assessments.

Application requirements

It is recommended that students studied Woodwork at Level Three, but the course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or other practical based career, this course will teach you some useful skills.

Cost: The cost of the course will vary depending on the student's take home project.

Level 1 Engineering

Course description:

This is a Technology course in which students will be expected to solve problems and design products by working through the design process. However, students will mainly work with metal and will need to learn the skills and techniques used in engineering. Through the completion of a number of projects students will learn how to cut, form, shape, join and finish metal and related materials. There is an emphasis on workshop safety and developing essential engineering skills.

Assessment Method

The course is assessed using a mixture of Unit Standards and Achievement Standards.

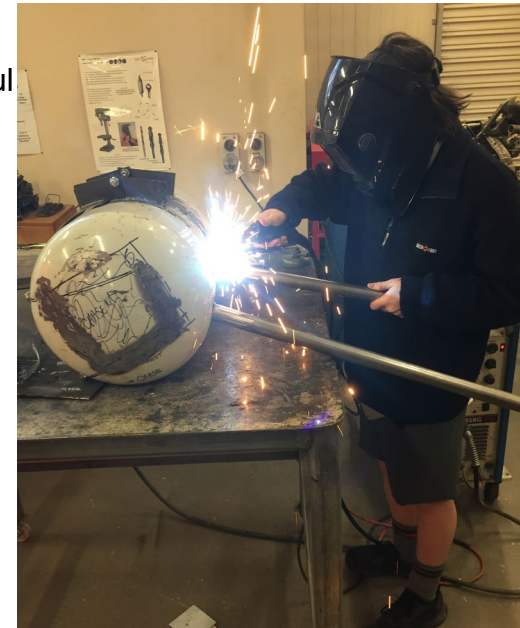
Application requirements

The course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or engineering, this course will teach you some useful skills.

Cost: \$130. This cost includes all materials for a take home project



Level 2 Engineering

Course description:

This course will build on the skills learnt at Level One and introduce more advanced processes. As a Technology course, students will be expected to solve problems and design products by working through the design process. Through the completion of a number of projects students will learn how to cut, form, shape, join and finish metal and related materials. They will also investigate heat treatment and the working properties of metals. Students will be taught how to work efficiently and safely in an engineering workshop and there is an emphasis on precision and excellence.

Assessment Method

The course is assessed using a mixture of Unit Standards and Achievement Standards.

Application requirements

It is recommended that students studied Engineering at Level One, but the course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or engineering, this course will teach you some useful skills.

Cost: \$130. This cost includes all materials for a take home project



Level 3 Engineering

Course description:

It is expected that if a student wishes to choose Technology at this level that they will have a good understanding of Engineering skills and be competent in a variety of skills and techniques. Students in collaboration with their teacher should be able to develop their own, unique project. The ability to problem solve and manage a project is essential to success.

Assessment Method

The course can be assessed in a number of ways depending on the academic or practical requirements of the student.

Application requirements

It is recommended that students studied Engineering at Level Two, but the course is open to all students who are willing to work accurately to fulfill specifications and are motivated by high quality outcomes

Where does this course lead?

This course will teach you practical skills that will be useful in everyday life. If you intend to work in the construction industry or engineering, this course will teach you some useful skills.

Cost: \$130. This cost includes all materials for a take home project

Level 1 Home Economics

Home Economics offers learning around health models including te whare tapa wha, te wheke and fonofale, using food and nutrition as the context. We will explore links to community as well as how whanau and individuals are affected by the choices they make around nutrition.

I am offering one internal assessment and one external assessment, totalling 10 credits.

I am also offering some unit standards, totalling 8 credits.

This course overall will deliver a minimum of 18 credits with the possibility of adding other assessments depending upon student circumstance.

This is an ideal course for any student wishing to take Level 2 Home Economics and/or Level 2 Hospitality in 2025.



Level 2 Hospitality

Course description: This course is ideal for students who enjoy cooking and want to learn more about the food industry. You will work through a number of standards that assess your practical and technical skill. You will cover the following areas of the Food Industry: food safety, knife skills, preparation of fruit, vegetables and sandwiches and cooking meals by grilling, baking and frying

Assessment Method: Unit Standards via Service IQ. This is made up entirely of unit standards. There is a practical and written part of the assessment and all of the books we get from Service IQ. This course offers 12 credits

Application requirements: This course is offered to all students with an interest in Hospitality and food. It is recommended that you study Home Economics at Level One.

Where does this course lead: This course leads into Home Economics and Hospitality standards at Level 3. It is ideal if you are interested in a career in the hospitality industry, butchery, as a kitchen hand and leading into cheffing. The standards offered are recognised in all of the hospitality pathways.



Level 3 Home Economics

Course description: This course has two parts. The Home Economics side which is research and written assessment totaling 10 credits. This includes one internal assessment and one external assessment. The Hospitality side includes Unit Standard assessments through Service IQ totaling 8 credits. This will be assessed by an outside assessor.

Assessment Method: There will be a mixture of Achievement and Unit Standards

Application requirements: This course is offered to all students with an interest in Hospitality, Nutrition and Food. It is recommended that you study Hospitality at Level Two.

Where does this course lead: This could lead on to level 3 and level 4 NZ Certificate in Cookery at SIT, they also offer the Diploma in Culinary Excellence Level 5. Other polytechnics will be offering similar qualifications.

Level 2 Photography

(Open to Year 11)

Course Description:

Standard 1- The first internal assessment covers camera basics, basic lighting techniques, some photoshop knowledge, workflow and file management. (4 credits)

Standard 2- The second internal involves learning about various photographer's styles, emulating them and creating a series of connected photos on a subject of students own choice (e.g. still life, sport, social issues, sustainability issues, macro photography, farming, etc). (4 credits)

Standard 3- This leads on to the external folio work, where students continue to develop their theme and photography skills. (12 credits)

Assessment Method:

2 x internal assessments and 1 external portfolio

Application requirements: Highly recommended to have studied Art or Graphics at Level 1. Or have some knowledge of Photoshop and used a digital camera.

N.B. There will be times when you will need to work outside of school hours, especially if your theme necessitates you having to shoot off site. For example: beaches, farms, homes, landscape, parks, inner city landscapes, equestrian, cars etc

Where does this course lead: Can carry on to Level 3 Photography and then on to Tertiary Education. SIT and Otago University offer Diploma and Degree's in Photography. Potential careers include videographer, fine-art photographer, photo journalism, wedding/special occasions photographer, portrait photographer, art photographer, film and camera operator.



Level 3 Photography

Course Description:

This course is for students who have taken Level 2 Photography and who wish to work on an individually chosen topic. A large focus is on the creation of a three panel portfolio (14 credits). Students will extend their knowledge of photographic practice within an art context. They will further develop their ability to think critically about photography as picture-making.

SD card and USB memory stick necessary.

Assessment Method:

2 x internal assessments (4 credits each) and 1 external portfolio (14 credits)

Application requirements: Essential to have completed Level 2 Photography.

N.B. There will be times when you will need to work outside of school hours, especially if your theme necessitates you having to shoot off site. For example: beaches, farms, homes, landscape, parks, inner city landscapes, equestrian, cars etc.

Where does this course lead: This course prepares students for a wide range of careers in Photography and the Creative Industries. Potential careers include videographer, fine-art photographer, photojournalism, wedding/special occasions photographer, advertising, web design, art photographer, film and camera operator.

BCITO

The BCITO course is a level 2 taster course for those considering the trades as a career or people just wanting to make things and make a difference in their community. It is an opportunity to build and make and learn skills for future employment or life outside of school. It is a year long opportunity to prepare for Gateway or SIT trades academy in 2024 and is most suitable for Year 11 students.

In 2023 the course will be a mix of outside and workshop projects centered on leaving a legacy for the future. We will be working with local community groups to produce items for use in the district as well as items for sale.

BCITO is about more than just building and construction, it's a chance to do something fun and useful and enjoyable for a whole day and make a difference for the community you live in. It's about being both in and out of school, working as a team and looking after others. If this sounds like you then it would be great to have a catch up and see if this would suit you for Year 11.

There will be at least 16 credits offered and will be assessed using Unit Standards with internal assessments.



Level 1 Music

Course description:

Assessment Method: We will be using Achievement Standards

Application requirements: This course is offered to all students with an interest in Music and Performance. It is preferred to have some experience on an instrument but we can look at starting your music journey

Where does this course lead: You can continue with Level 2 and Level 3 music. This can be followed up with tertiary studies in Music and Sound.



Social Sciences

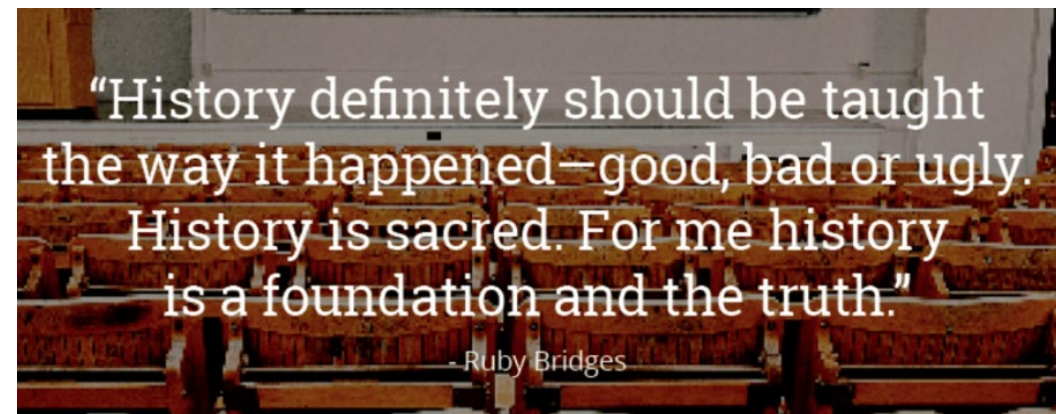
Level 1 History

History is one of the most exciting subjects offered at school. It explores how and why change has occurred in societies over time. It helps us to recognise the forces that have shaped our own society. It is a subject for the curious and for those seeking to know more about the world's current problems. History also prepares you for many careers.

The skills of analysis, research and communication are sought after by employers and are fundamental to lifelong learning. History ākonga find work in law, the public sector, politics, diplomatic service, media and business.

We will be looking at a range of different contexts through the year to develop our foundational knowledge.

This will include looking at the history in our back yard, the impact World War II had on the Jewish people, the bombing of Hiroshima and women in New Zealand's contribution to war. How we as kiwi's have strong beliefs and values and will fight for them through the Springbok tour of 1980 and the Manapouri power scheme. Along the way we will also embed the concepts of impact, effect, mana, whakapapa, turangawaewae, tuakiri, pakiwaitara and pūrākau into our learning. There will be at least 20 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.



Level 1 Geography

Geography is a valuable subject, important to all humans. It provides basic knowledge on the functioning of the earth, and the knowledge gained will provide a foundation which supports and leads to careers in a vast number of areas.

This introductory Geography course is designed to build students' understanding of how interconnected our environment (te taiao) can be. Topics covered will include place and space, water use on local to global scales (e.g dairy farming), the natural forces of fire and ice (volcanoes and glaciers) and different forms of power generation (coal, wind and water). By examining these critical topics, students will gain insights into the environmental, social, and economic challenges and innovations that arise in various regions of our world.

There will be at least 20 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.



Level 2 History

Develop an understanding of themselves as New Zealanders, the heritage, cultures, and shared values and of New Zealand's relationship with the rest of the world. The content of Level two History focuses on "Movers and Shakers in History". Students will be required to explore issues at greater depth and with more historical insight than was required in the Level one course so will require strong literacy skills. Their investigations will often take them further back in time. The course will cover prohibition in Southland, Maori and alcohol, influenza, and protest movements in New Zealand like Women's Suffrage, temperance movement and the 1951 waterfront dispute as examples of topics covered in the past. The course can be tailored to suit those taking it. There will be at least 20 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.



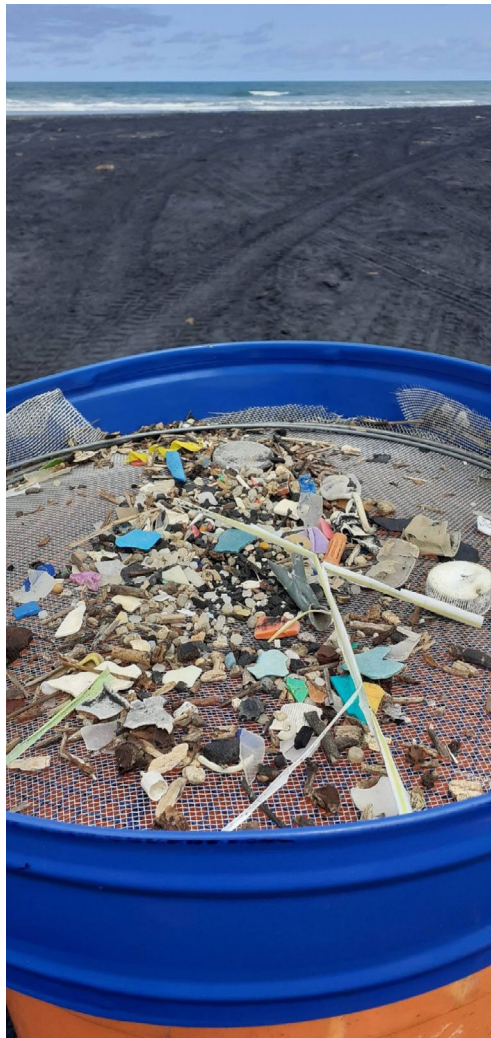
Level 2 Geography

Geography is a valuable subject, important to all humans. It provides basic knowledge on the functioning of the earth, and the knowledge gained will provide a foundation which supports and leads to careers in a vast number of areas. 201 Geography aim's to increase students' knowledge and awareness of the earth they inhabit and their impact on it through the application of geographic concepts and literacy skills.

Students with an interest in the world they live in, who have strong literacy skills and who can apply themselves should consider this subject.

The course covers a wide range of topics including studies into a large natural environment (South Island High Country), urban patterns and layout (Dunedin), contemporary geographic issues (Predator Free NZ by 2050), research (plastic waste on our beaches) and a global issue (human trafficking). Geographic skills and concepts are extended upon the basics taught at Level one.

There will be at least 20 credits offered and they will be assessed using Achievement Standards with a combination of internal and external assessments. There is the opportunity to gain 4 reading credits towards UE if the Natural Landscapes paper is passed.



Level 3 Geography

Students with an interest in the world around them, who have strong literacy skills and who are keen to apply themselves should consider this subject. The course covers a diverse range of topics including a research assignment, maritime piracy, Whitebaiting in New Zealand, Tourism development in Queenstown and how an event is planned and organised. Geographic Skills and concepts are extended upon to include an analysis of perspectives and the application of Maori terms to our studies. It is recommended that students doing this subject have done Geography or History before at Level one or two.

There will be at least 20 credits offered and they will be assessed using Achievement Standards with a combination of internal and external assessments.

There is the opportunity to gain University Entrance without doing the external examinations and University Entrance reading and writing credits.



Level 3 History

The Level 3 History programme will look at past trends and conflicts in New Zealand with a focus on the consequences of these. This could range from looking at how Maori and Pakeha interacted pre 1800's, the use of prison labour or how historians have viewed the New Zealand Land wars over time. A major research project on the Otago gold rushes will be undertaken in the first half of the year and can be used for external examinations with minor adaptations.

It is recommended that students taking this course have strong literacy skills and have taken Geography, History or Level two English before or have approval from the Head of Department.

There will be at least 20 credits offered and will be assessed using Achievement Standards with a combination of internal and external assessments.

University entrance can be obtained without doing the external examinations and there are a number of opportunities to gain University entrance reading and writing credits.



The bleakest photograph ever taken shows an armed warder overlooking the works at Invercargill's New River Estuary, c.1912. By 1921, a third of the estuary was gone convicts had converted the swamp into some of the richest land in Southland. Photo: Invercargill City Libraries and Archives

Level 2 Tourism

Taking Tourism as a subject at school is a great stepping stone towards further tertiary study in the field, work in the industry...and handy even if you are just looking.

During your Tourism course, you will achieve a number of Unit Standards that cover all sorts of different aspects of the industry from destination knowledge, impacts of Tourism on the environment, on to marketing and promotion.

Your Tourism course is designed to be completed over two years – if this is completed and all units achieved, you will graduate with the New Zealand Certificate in Tourism Level 2. If not, you will still receive a number of Unit Standard Credits at both Level 2 and Level 3.

The course taught is based on a programme purchased from New Zealand School of Tourism. It has been designed in consultation with schools. Students are provided with write-on workbooks and moderated assessments are also included for each unit.

In the first year you can gain up to 27 credits.

Level 3 Tourism

Taking Tourism as a subject at school is a great stepping stone towards further tertiary study in the field, work in the industry...and handy even if you are just looking.

During your Tourism course, you will achieve a number of Unit Standards that cover all sorts of different aspects of the industry from destination knowledge, impacts of Tourism on the environment, on to marketing and promotion.

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The course taught is based on a programme purchased from New Zealand School of Tourism. It has been designed in consultation with schools. Students are provided with write-on workbooks and moderated assessments are also included for each unit.

In the first year you can gain up to 28 credits.



Murihiku Tertiary Academy



DO YOU WANT TO LEARN PRACTICAL HANDS-ON SKILLS WHILE YOU'RE STILL AT SCHOOL?

If you're going to be a Year 12 or 13 secondary school student in 2024, the Murihiku Tertiary Academy courses at SIT | Te Pūkenga will help you get ready for higher level study or an apprenticeship or a job.

LEVEL 2 COURSES



BEAUTY THERAPY

- Pursue your passion and get ready for hands-on experience in facials and manicures.
- Practice your skills in our well-equipped clinics.
- Learn from experienced professionals who will guide you.

📍 Invercargill & Gore Campus



EQUINE

- Gain hands-on experience in grooming and exercising horses.
- Study the body systems of horses and learn about their health.
- Learn how to work safely with horses.

📍 Balclutha- Telford Campus



AGRICULTURE

- Learn about livestock behavior and how to work with them.
- Discover the essentials of caring for farm animals.
- Understand how to ensure safety in rural workplaces.

📍 Balclutha- Telford Campus



BUILDING / JOINERY

- Take a step towards exciting job opportunities in the building and construction industries.
- Get ready for a hands-on project-based course.
- Build projects individually and as a group.

📍 Invercargill Campus



GAME, ART & DESIGN

- Learn how to create amazing characters and environments for a game concept.
- Get hands-on experience with a fun animated project.
- Develop your imagination and bring your ideas to life.

📍 Invercargill Campus



AUTO MECHANICAL

- Learn how engines work.
- Learn how to weld and fabricate things.
- Learn how to use hand tools and operate workshop equipment.

You will also make an exciting project: Mini Motard Motor Bikes in Invercargill and Grass Karts in Gore.

📍 Invercargill & Gore Campus



ELECTROTECHNOLOGY

- Understand how electricity is used in electrical and electronic devices.
- Get hands-on experience by completing an electronic project.
- Explore the exciting possibilities of working with electricity.

📍 Invercargill Campus



HAIRDRESSING

- Develop your creative flare in the Hairdressing Industry.
- Gain practical hands-on skills in our fully equipped salons.
- Develop the skills needed to provide services at a foundation level.

📍 Invercargill & Gore Campus



HEALTH & SUPPORT SERVICES

- Discover the important role of community services and resources.
- Learn about infection control procedures to keep people safe and healthy.
- Gain knowledge and skills in First Aid to help others in emergencies.

📍 Invercargill Campus



MUSIC & AUDIO TECHNOLOGY

- Get ready to operate cutting-edge equipment in our state-of-the-art facilities.
- Gain hands-on experience with industry-standard equipment and software.
- Learn valuable audio engineering skills specifically for music production and performance.

📍 Invercargill Campus



OUTDOOR SKILLS FOR EMERGENCY SERVICES

- Gain a clear understanding of various career pathways like Search and Rescue, Civil Defense, Fire, Police, Army, and more.
- Acquire outdoor survival skills in an easy-to-understand manner.
- Engage in fitness testing to improve your physical abilities.

📍 The Y - Invercargill

LEVEL 3 COURSES



HOSPITALITY & CAFÉ BAR

- Learn how to be an awesome Barista and make delicious drinks.
- Discover cool techniques for preparing food and setting tables.
- Learn about handling transactions and keeping food safe.

📍 Invercargill Campus



ANIMAL CARE

- Gain knowledge and practical skills in taking care of cats and dogs.
- SIT I Te Pūkenga provides a fully equipped clinic for plenty of hands-on practice.
- Experience working in a professional facility while performing routine health procedures.

📍 Invercargill Campus



INDIVIDUAL & GROUP FITNESS

- Learn how to manage your own personal fitness and apply it to a group setting.
- Discover the key components to include in your training to improve fitness.
- Explore various training tools and fitness techniques for yourself and others.

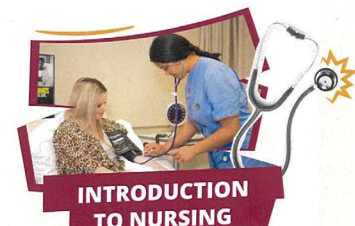
📍 Invercargill Campus



DIGITAL DESIGN & ANIMATION

- Learn about design concepts, drawing techniques, and graphics.
- Unleash your artistic potential and create stunning digital artworks.
- Bring all your skills together in a final digital art project.

📍 Invercargill Campus



INTRODUCTION TO NURSING

- Provide support in a health and well-being environment.
- Experience time in hospital based clinical and simulation suites.
- Focus on key concepts of science, health, and well-being.

📍 Invercargill Campus

MARERE O TONGA (HOUSE OF PEACE)

- Gain valuable experience in the building industry and contribute to a lasting legacy.
- Learn to read and interpret building plans.
- Develop skills in building calculations and techniques.
- Get hands-on experience in constructing an outdoor building.

📍 Invercargill Campus

Learn new things, earn NCEA credits & boost your career options



YOU WILL GAIN THESE BENEFITS:

- ✓ You will achieve credits towards NCEA.
- ✓ You will do real, practical, work-based learning in a tertiary environment with students from other schools.
- ✓ You will study one day a week on Thursday or Friday at SIT I Te Pūkenga and go to school as normal for the rest of the week.
- ✓ You will get an idea of the career you want to follow.



HOW DO YOU APPLY FOR THE COURSES?

If you are going into Year 12 or 13 you will need to talk to your Career Advisor at school and work out a plan for coming to the Murihiku Tertiary Academy. Transport is provided for students to SIT I Te Pūkenga.



WHERE ARE THE COURSES HELD?

The courses are in Invercargill, Gore and Balclutha.

For more information you can contact your Career Advisor or Trudy Brown at the SIT I Te Pūkenga Invercargill Campus.
Trudy.Brown@sit.ac.nz



For more info scan



Friday Programmes

We offer courses that run all day on Friday. Students can choose from a range of subjects including courses offered at SIT through the STAR programmes. Courses we have offered in 2023 are;

Year 11 and 12

- Building and Construction (BCITO)
- Music
- Science Investigation
- Health Education
- Trades Academy (Year 12)

Year 13

- Adventure Education
- Trades Academy
- Health Education
- Online Courses
- Agriculture

Notes

