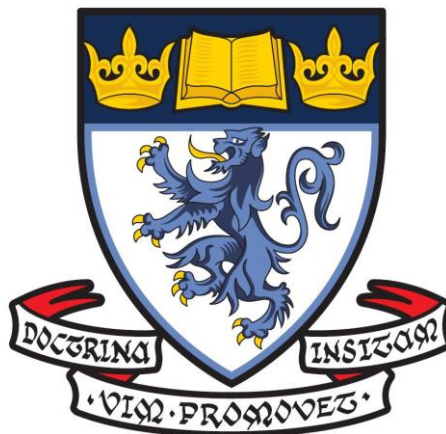


King's High School

Senior School Courses

Year 12



YEAR 12

English is the only compulsory subject.

By now you should be considering your future. Your personal strengths and career goals are important to think about as you make your course selection. Not doing a specific subject may well be harmful to your future aspirations.

A career in Science and its related fields means that you should be doing at least two of the Sciences on offer. For example, a future in Pharmacy, Engineering or Aviation means that you must be taking Physics and Mathematics. (A career guide is in the middle of the booklet).

These requirements will be discussed with you and your parents at course interviews next January. These are compulsory. No student may start Year 12 without a coursing interview.

There are more than twenty-three possible subject choices at this level. Consider carefully the general direction you wish to follow.

In Year 12, the main aim of boys is to achieve the **National Certificate of Educational Achievement Level 2**. For **NCEA Level 2**, you need **60 credits at Level 2** and 20 credits from any other level.

Personal Excellence is the expectation for all. Boys should strive for Merit and Excellence grades for **Course Endorsement** and **Certificate Endorsement**. Fifty credits at Merit or Excellence are required for a Course Endorsement.

All boys will be assessed using Achievement Standards and (in some subjects) Unit Standards. Achievement Standards can be assessed internally by the school, or externally by NZQA in examinations or portfolios. Unit Standards are assessed internally by the school.

Internally assessed grades are reported to NZQA and, along with the externally assessed results, listed on the student's **Record of Achievement**. It is also possible for the student to be awarded other National Certificates in certain subjects such as Computing or Employment Skills.

University Entrance is an entry requirement for tertiary study and some jobs. You need to ensure you meet the minimum requirements. Make sure you are on track with:

UE Numeracy – 10 credits (as for **NCEA Level 1**).

UE Literacy – 5 credits in Reading and 5 credits in Writing from **Level 2 or 3** approved Standards **NCEA Level 3** and 14 credits at Level 3 in each of **three approved subjects** (subjects with Level 3 Achievement Standards).

The demands of Level Two are far greater than Level One. **Planning and organising time** are essential skills to develop. They will see that you do not get left behind in your studies.

ACCOUNTING

INTRODUCTION

Accounting provides an understanding of the financial side of businesses. It is an important subject for anyone who is thinking about running their own business, or working in a management role. If you have a basic level of mathematics, can think logically, and want to succeed, you should enjoy the challenge of this subject. Accounting may lead to careers in chartered accounting firms, government organisations, not-for-profit organisations, banking and financial services, management consultancies, educational institutions, law firms, business and commercial enterprises.

PREREQUISITES

NCEA Level 1 Accounting – 11 credits.

If you have to previously studied Accounting, entry is at the discretion of the Head of Department who will assess your readiness to manage the Level 2 Accounting course, based on your overall NCEA Level 1 results.

CONTENT

By the end of the year, students should be able to:

- process transactions using accounting software.
- prepare financial information for a business.
- process information for an accounting subsystem.
- interpret accounting information for future decision-making.

SKILLS

Students will develop systems to keep track of responsibilities and meet deadlines, manage workload through time management, adapt to changing situations and look for opportunities. They will communicate well in writing and in person, maintain honesty, integrity and high ethical standards, show leadership, and work in a team.

ASSESSMENT

This course will be assessed using Achievement Standards, with a maximum of 12 credits internally assessed and 8 credits externally assessed. Most standards contribute to NCEA Numeracy and Literacy requirements.

COURSE FEE

Workbook approx. \$35.00

For further information, see Mrs Chipping.

BIOLOGY

INTRODUCTION

Biology is the science of life.

Man, as a living thing, is part of the biological world, and depends on the complex relationships between all living things for his existence; unless he is aware of these physical relationships the lives of other living organisms and of his own biological process, he is not equipped for making decisions about his world and his life.

Many of the most exciting developments of modern science are in the biological field: birth and reproductive technology, genetic engineering, conservation of endangered species, cancer, the brain, food and health are a few examples.

Biological science is basic to the understanding of medicine agriculture, horticulture, psychology, sociology, ecology, forestry, marine science, fisheries, soil science, wild-life and park management, dairy/drug/food technology, veterinary science, dentistry, pharmacy, physical education, physiotherapy, biochemistry, genetic engineering.

PREREQUISITES

16 Achievement Standard credits from Level 1 Science including:

90948: Demonstrate understanding of biological ideas relating to genetic variation.

CONTENT

- Ecology.
- Investigation of Cell Processes.
- Genetic variation and change.
- Animal adaptations.
- Gene Expression.

SKILLS

As in all science, Biology uses investigation and experimentation to gain knowledge and understanding. Many skills are taught and applied in regular laboratory and field work.

Abilities for recall of fact, understanding and applying knowledge, interpreting and processing evidence, observation, making judgements based on evidence are also important.

ASSESSMENT

This course is assessed through 5 Achievement Standards, worth 19 credits in total.

11 credits are assessed internally and 8 credits externally.

COURSE FEE

There will be a fee of \$25.00 for a Workbook plus approximately \$20 for a day trip to Blueskin Bay for field work.

For more information, see Mrs Jopson.

BUSINESS STUDIES

INTRODUCTION

Business Studies is a course that combines practical business experience with NCEA assessment. It is through researching a target market and coming up with a business concept to meet a recognised need that students learn about business operations.

PREREQUISITES

A prior study of Economics or Accounting is useful, but not essential. A keen interest in practical business applications and some entrepreneurial flair is desirable.

This course is not suitable for students who cannot work in a team or are unable to meet non-negotiable deadlines. These skills are essential for business where you will be dealing with external providers.

CONTENT

Students will work in teams to research and develop a business concept with a community focus. They will complete market research and write a business plan. There is an opportunity to develop their business concept through to marketing and sales and to, hopefully, make a profit. It is through this business activity that students will develop evidence for internally assessed Achievement Standards.

Students will also learn about motivation theory and the internal operations of a business and apply this knowledge to a range of business context.

ASSESSMENT

This is a 19 credit course with 15 credits internally assessed and 4 credits externally assessed at the end of the year. The externally assessed standard makes this course suitable for subject endorsement.

All Level 2 Business Studies Achievement Standards qualify for NZQA NCEA Literacy requirements and AS90846 Conduct Market Research also meets the requirements for numeracy.

COURSE FEE

A small fee will be charged to recover costs for any education outside the classroom. Additionally, there will be costs associated with setting up your business.

For further information, see Mrs Calverley.

CHEMISTRY

INTRODUCTION

This course provides students with a solid background for further study in a Chemistry related field and/or general knowledge for later life. Chemistry and scientific developments generally, influence and contribute to our everyday lives. The work is interesting, with practical and theoretical content. The course is well designed, and, the subject provides students with a sense of achievement.

Aims of the course

- To investigate and develop an understanding of the ways materials and chemical processes interact with people and the environment.
- To carry out a range of practical investigations and use this and other information to explore chemical behaviour.
- To understand important concepts in chemistry and major patterns of chemical behaviour.

PREREQUISITES

16 Credits in Level 1 Science including

From 101:

AS90944 Demonstrate understanding of acids + bases.

AS90930 Carry out a practical chemistry investigation with direction.

From 102:

AS90948 Demonstrate understanding of ideas relating to genetic variation.

AS90947 Investigate selected chemical reactions.

CONTENT

Externally Assessed Standards

2.4	Demonstrate understanding of bonding, structure, properties and energy changes.	5 credits
2.5	Demonstrate understanding of the properties of selected organic compounds	4 credits
2.6	Demonstrate understanding of chemical reactivity.	4 credits

Internally Assessed Standards

2.1	Carry out quantitative analysis	4 credits
2.2	Carry out procedures to identify ions present in solution.	3 credits
2.3	Demonstrate understanding of the chemistry used in the development of a current technology (optional additional Achievement Standard)	3 credits

ASSESSMENT

Internal Assessment – 7 (10) credits

External Assessment – 13 credits

COURSE FEES

There will be a cost for a workbook \$36.00 approximately.

For more information, see Mrs Fortes or Mr Higashitani.

CLASSICAL STUDIES

INTRODUCTION

Classical Studies is the study of Ancient Greece and Rome encompassing the Art, Architecture, Literature, Science and Philosophy of these amazing civilizations.

Our own civilisation is based on the achievements of these early peoples. Our system of democracy; our civil engineering; our laws; our art and architecture are all a result of the unique thought and action of the Greeks and Romans.

PREREQUISITES

A minimum of 12 credits in either Level 2 Classics, English, History, Economics or Media Studies or at the discretion of the Head of the Department.

CONTENT

FOUR topics will be taught. They are:

- Socrates (a philosophical topic).
- Greek Science (a science/philosophy topic).
- Roman Art and Architecture.
- Virgil (a literature topic).

Each topic will be related to historical overview of the topic's influence on future peoples.

SKILLS

This is a multi-disciplinary subject and as such it reflects the skills needed and used in many areas.

The major skills required for the NCEA examinations are:

Recall of knowledge, description of events, analysis/evaluation of ideas and material.

Within the class listening and speaking skills are essential.

It is expected that all students will participate in debating the various ideas that the class considers.

ASSESSMENT

NCEA Level 3

- 8 credits can be obtained through external examinations.
- 12 credits through internal assessment

For more information, see Mr Frost.

COMPUTING

INTRODUCTION

The material covered in Computing will assist students to develop strong computing skills in a range of commonly utilised software to meet the local or national needs of a wide range of industries.

The target is to ensure that at the completion of the course students will have developed a base level of core computing knowledge.

PREREQUISITES

Achievement of the Literacy component of NCEA Level 1.

CONTENT

The course is broken down into modules of work targeting general computer application use. Students will learn to be more effective and advanced users of applications such as Microsoft® Word, Excel and Publisher. They will also become more aware of issues such as file management and ergonomics. There is also the potential for successful students to move on to a larger project in the back half of the year if they wish.

ASSESSMENT

Internal Unit Standards:

- Basic concepts of Word Processing. US111 (5 credits)
- Managing and Protecting Data. US2781 (3 credits)
- Understanding of Ergonomic Principles. US6743 (2 credits)
- Basic concepts of Spreadsheets. US2784 (3 credits)
- Integrating applications to create merge documents. US2791 (3 credits)

Written tests, practical tests, assignments, oral tests and observation of competencies will be used to assess elements of unit standards at appropriate times.

For more information, see Mr Greenfield.

DESIGN & VISUAL COMMUNICATION

INTRODUCTION

The Level 2 DVC course builds on the knowledge and skills you have learnt in your previous three years of DVC.

PREREQUISITES

At least nine internal and six external credits at Level 1.

CONTENT:

Over the course of the year you will produce evidence for two external and two internal Achievement Standards for a total of 17 credits. The evidence will be based on a Product Design project.

You will be required to build on your design and visual communication skills, and integrate this with knowledge of design work from a chosen movement, to help you solve and present solutions to problems based around a design issue.

The internal standards cover the topics of:

- Develop spatial or product design through graphics practice.
- Use the visual communication techniques to compose a presentation of a design.

The external standards cover the topics of:

- Visual communication techniques to generate design ideas.
- Working drawings.

Like the Level 1 course, there are no exams but all your work will be sent away at the end of the year for the marking of the external standards.

The course is definitely more demanding than Level 1 but if you come prepared to work hard, you will find this course interesting, stimulating and enjoyable.

COURSE FEE

There is no course fee for this subject. You will need to ensure you have all stationery equipment required at the start of the year.

For further information, see Mr McNaught.

DIGITAL TECHNOLOGY

INTRODUCTION

The Year 12 Digital Technology (NCEA Level 2) course is designed to follow on from core knowledge taught in Level 1 Digital Technology, specifically Computer Science and Digital Media. Students will develop skills and knowledge of tools and techniques in these areas. They will apply their knowledge and skills in technological practice to develop models and software applications.

MINIMUM PRE-REQUISITES

Successful completion of Level 1 Digital Technology or at discretion of HOD.

CONTENT

The overarching topic for this course is software development. The year begins with the development of a program plan into a fully constructed application. During this process key digital media elements like 3D models are constructed and advanced coding used to increase the interactivity of the product. During this process targeted assessment projects are completed to ensure a clear understanding of the concepts of Digital Technology are demonstrated. The external task is a portfolio developed throughout the year and finalised in the last term.

ASSESSMENT

Internal

- Construct an advanced computer game plan and construct the game.
2.45/2.46 (6 credits)
- Use advanced procedures to design and develop 3D models.
2.43 (4 credits)
- Undertake effective development to make and trial an interactive environment prototype.
2.4 (6 credits)

External

- Demonstrate understanding of advance concepts of Computer Science.
2.5 (4 credits)

A digital portfolio, written tasks, practical tasks, assignments, oral tests and formal observation of competencies will be used to assess elements of the Achievement Standards at the appropriate times throughout the year.

For more information, see Mr L Smith.

DRAMA

INTRODUCTION

This course continues on from Level 1 Drama. Students will continue to develop their performance skills and confidence on stage.

Students perform excerpts from Shakespeare and their work is entered into the Otago Sheilah Winn Shakespeare Festival. Students are encouraged to perform on stage, both in assemblies and to the public.

PREREQUISITES

14 credits at Level 1 in either English or Drama, or at the discretion of the HOD.

ASSESSMENT

The course is assessed through five achievement standards worth 22 credits in total.

- 17 credits are internally assessed. There is an opportunity for students to complete additional standards. This can be negotiated with the teacher.
- 4 credits are externally assessed.

COURSE FEE

The class will attend theatre production throughout the year and students are expected to pay for tickets and transport.

For more information, see Ms Harford.

ECONOMICS

INTRODUCTION

Year 12 Economics provides a framework for the study of macro-economic theory and provides a good grounding for future study in the subject. Macro-economic looks at the whole economy and New Zealand's role in international trade.

PREREQUISITES

12 credits in Level 1 Economics including

AS90988 Demonstrating understanding of interdependence between sectors of the economy and

AS90986 Demonstrate understanding of how consumer, produce and/or government choices affect society, using market equilibrium.

If you have not previously studied Economics, entry is at the discretion of the Head of Department who will assess your readiness to manage the Level 2 course based on your Level 1 NCEA results.

CONTENT

In Year 12 Economics we will study a selection of topics chosen from, Unemployment, Inequality, Economic Growth, Inflation and International Trade. Each topic will introduce concepts, models and statistical skills that will develop your ability to discuss in depth the causes and effects of each issue on different groups in society.

You will build knowledge and appreciation of how each issue interrelates by analysing statistical connections and the impact of government policy on each issue.

Level 2 Economics standards contribute to University Entrance Literacy requirements for reading and writing.

ASSESSMENT

This course is assessed through a combination of internal and external NCEA Achievement Standards worth 22 credits. 14 credits are internally assessed and 8 credits are externally assessed.

All students will also sit the University of Auckland New Zealand Economics competition.

COURSE FEE

There will be costs of approximately \$45.00 for a Level 2 Workbook and an individual subscription to E-Learn Economics.

For more information, see Mrs Calverley.

ELECTRONICS

National Certificate in Electronics Technology (NCET)

INTRODUCTION

The NCET course is a prescribed teaching and assessment programme in electronic technology that has been designed for New Zealand secondary schools. It is an introductory certificate for students interested in electronics and who may wish to pursue further training and employment in the electronic industry. It is suitable for students who are considering an electrical apprenticeship or another career in the electronics industry, are interested in electronics or robotics as a hobby, or are considering a diploma or degree in electrical engineering (Physics is also recommended in this case).

PREREQUISITES

At least 12 credits in L1 Science or Mathematics **including** Achieved or better in at least one Science External **and** achieved or better in MCAT or Math 1.3 (Tables, Equations and Graphs).

This course requires reasonable mathematical skills and conceptual understanding of scientific ideas. The meeting of these prerequisites is essential. Students who do not meet these criteria will be allowed entry under special circumstances only.

ASSESSMENT

Written and Practical assessments worth 24 credits.

CONTENT

The programme is assessed against five Unit Standards. A total of 24 credits are available for this year long programme of work. These credits form the 24 core unit credits towards the National Certificate in Electronics Technology. The remaining 16 elective credits are obtained from other (level 2) subject areas.

Unit Standard

18239 Demonstrate introductory knowledge of circuit concepts and measurements for electronics.	5 credits
18240 Demonstrate knowledge of basic electronic components.	5 credits
18241 Demonstrate knowledge of basic electronic systems.	5 credits
18242 Construct a simple printed circuit.	3 credits
18243 Construct simple electronic products from supplied circuit schematics.	6 credits

COURSE FEE

There will be a course fee of \$25 to cover materials. Students will complete an electronic product, which they keep.

FURTHER INFORMATION

- Please note assessment is by Unit Standard only. No endorsement is available in this course.
- Electronics is not offered at Year 13 at King's High School.
- For further information, see Mr Farry.

EMPLOYMENT SKILLS

INTRODUCTION

Students will prepare themselves for the world beyond school. This course will allow boys to explore careers and develop personal skills relevant to applying for jobs and for living away from home.

Students in this course are **not** on an academic pathway, but are more likely to be interested in careers in trades, retailing, tourism, hospitality and service industries.

PREREQUISITES

None.

Boys for this course are likely to be studying English 203 (Foundation English) and other practical subjects such as Food, Tourism and Technology.

CONTENT

Personal skills: Self-management, planning future directions, communication.

Career planning: Curriculum Vitae, exploring career options.

Financial Literacy: Personal budgeting, banking and insurance.

Visiting speakers and Careers advisor will be invited for specific advice and expertise.

ASSESSMENT

Internally assessed Level 2 Unit Standards:

Standard	Title	Credits
10781v5	Plan future directions	3
7118v5	Plan own learning	2
4252v7	Targeted CV	2
12383v5	Explore career options & implications	3
4253v6	Job search skills	3
1294 v6*	Be interviewed in a formal situation	2
28094v2	Personal budgeting	3
24699v2	Informed decision re personal income	2
28097v1	Banking products	2
		22 Credits

This course does NOT contribute grades for Certificate or Course Endorsement nor for University Entrance literacy.

For more information, see Ms May.

ENGLISH - 201

Academic English

INTRODUCTION

This course is for those who performed well in Level 1 Achievement Standards. You will have gained some English credits at Merit level or higher.

COURSE CONTENT AND ASSESSMENT

You will complete and sit all three English Level 2 External Standards (12 credits total) - Written Text, Visual Text, Unfamiliar Text, plus the Internals (13 credits total) for Writing Portfolio, Significant Connections, and Speech.

PREREQUISITES

15 Credits in Level 1 English, and a Merit or better, in at least one of the External standards. Some Merit credits, or higher, from either Reading or Writing Standards in Level 1 English in 2016.

WHERE DOES IT LEAD?

This course leads into Level 3 Academic English (301). You may also transfer to the General English programme at Level 3 (302).

See your teacher to discuss your programme for 2018. They will make a recommendation as to which English course you undertake.

For more information, see Mr Eade.

ENGLISH - 202

General English

INTRODUCTION

General English, Level 2 is for those who Achieved at Level 1, but may have struggled to understand the ideas at Merit and Excellence Level. Level 2 Literacy for University Entrance is available in this course. One external standard: Film study.

COURSE CONTENT AND ASSESSMENT

A minimum of 20 Credits: Internals in Writing Portfolio (6 credits), Speech (3), Reading Response (4), Close Viewing (3) and Research (4).

PREREQUISITES

12 Credits in English Achievement Standards at Level 1.

WHERE DOES IT LEAD?

This course leads into the General English programme at Level 3. (302)

See your English teacher if you wish to discuss your programme for 2018. They will make a recommendation as to which course you undertake.

For more information, see Mr Eade.

ENGLISH - 203

Foundation English

INTRODUCTION

This course follows on from Level 1 Foundation, so it builds on the work you have done in 2017.

COURSE CONTENT AND ASSESSMENT

Level 1 Literacy Standards, if you still need them for Level 1 Literacy. Then you will move onto Level 2 Standards in Writing, Speech, Film study, and Reading.

- Writing business correspondence. (3 credits)
- Writing reports. (3 credits)
- Participating in meetings. (3 credits)
- Reading to recognise differing points of view. (3 credits)
- Constructing and delivering a speech. (3 credits)

PREREQUISITES

Satisfactory performance in Level 1 Foundation.

WHERE DOES IT LEAD?

There is no foundation English programme at Level 3.

For more information, see Mr Eade.

FOOD AND NUTRITION

INTRODUCTION

Building on the skill foundation created in Year 11 this course focuses on safe food practice and essential practical cooking skills. In the Achievement Standards offered, the focus is on a food issue affecting wider New Zealand.

PRE-REQUISITES

There are none, but strong consideration will be given to aptitude for chef work. Students need to have a white cooking hat to work in the kitchen.

CONTENT

Unit Standards

167 Practice food safety methods in a food business.	(4 credits)
13285 Handle and maintain knives in a commercial kitchen.	(2 credits)
13278 Cook food items by roasting.	(2 credits)
13276 Cook food items by grilling.	(2 credits)
13283 Prepare and present salads for service.	(2 credits)
13281 Prepare and present basic sandwiches for service.	(2 credits)
13278 Cook food items by frying.	(2 credits)
13280 Prepare fruit and vegetable cuts.	(2 credits)

Achievement Standard

AS91351 Implement advanced procedures to process a specified product.	(4 credits)
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ASSESSMENT

This course includes 8 Unit Standards.

All of the 22 Level 2 credits offered are all internally assessed either through practical or written work.

COURSE FEE

There will be a fee of approximately \$260.00 for this course. This covers ingredients, entry in industry accredited standards and their accompanying workbooks.

For more information, see Mr McLean.

FRENCH

INTRODUCTION

At NCEA Level 2 you will continue to learn to speak, write, read and listen to higher and more complex levels of French. You will reinforce and develop what you learnt at previous levels and learn lots of new language too, which will help to prepare you for your internal and external assessments.

Upon completion of the course you will gain 24 credits in NCEA Level 2 and the Australian Language Certificate (optional).

This subject has links with English, Geography, Economics, Travel and Tourism, Commerce and Trade.

PREREQUISITES

12 credits at Level 1 French, including credits from at least 1 external standard, or at the discretion of the Head of Department.

CONTENT

You will study a variety of material from a range of topics e.g.

- Sports and free time.
- Future plans and jobs.
- Food and health.
- Family and relationships.
- French-speaking countries.
- French language films and/or traditional stories.

Students may use the Language Perfect vocabulary website – an invaluable tool for building your French vocabulary in preparation for the examinations. www.languageperfect.co.nz

ASSESSMENT

This course is assessed through 5 Achievement Standards worth 24 credits in total. 14 credits are assessed internally and 10 credits externally.

External assessments involve listening comprehension and reading comprehension.

Internal assessments include speaking and writing in French.

NEXT STEP

NCEA French Level 3.

Every year, students are able to take part in a six week exchange to Nice, France in conjunction with Columba Girls College.

COURSE FEE

There will be a fee for a Workbook and resources \$32.00 (approximately).

For more information, see Mrs Brooks.

GEOGRAPHY

INTRODUCTION

The aim of Geography is to help students develop an understanding of the environment as a home for people.

PREREQUISITES

Students wishing to take Year 12 Geography must have completed and passed all internal assessment from Year 11 Geography. They must have attempted both external assessment standards from Year 11 Geography, passing one of these. Any student new to geography in Year 12 will be accepted at discretion of the Head of Department.

CONTENT

1. Natural Landscapes: The study of the South Island High Country and the natural processes which shape this landscape.
2. Skills in Geography: Mapping skills, graphing and photo interpretation.
3. Global Study: The study of a global pattern of students' choice.
4. Contemporary issue: Investigation into the effects of Freedom Camping people and the environment.
5. Guided Research: Collection, processing and presentation of researched material in the Mount Cook National Park.
6. Urban Pattern: Research into Chicago crime patterns.

ASSESSMENT

This course is assessed through 6 Achievement Standards, worth 22 credits. 14 credits are assessed internally and 8 credits externally.

FIELD TRIP

There is a 3 day field trip to the Mt Cook National Park, costing approximately \$350.00.

For more information, see Mr Hore or Mr Cushen.

HISTORY

INTRODUCTION

Students will explore issues at greater depth and with more historical insight than required at the Year 11 level. Their investigations will sometimes take them back in time to the 19th Century or earlier. Students will develop their sense of time and place and their understanding of important historical concepts and concerns.

PREREQUISITES

12 credits from either Level 1 History or English or at the discretion of the Head of Department.

CONTENT

The focus of study is on some of the major forces shaping the modern world.

- 1 **The Russian Revolution** – The rise of communism and Stalin and how these actions helped to shape the modern world.
- 2 **Vietnam 1945 – 1975**: Focusing on the Vietnamese drive for nationalism against both France and the United States. The central issue is the Vietnam War which saw the defeat of the United States. We investigate – how did this happen?

SKILLS

Students are expected to organise and carry out tasks for developing skills without close supervision, both individual and in groups. The three skills emphasised at this level are:

1. Information Gathering—from a wide variety of sources such as films, cartoons, graphs, historical sites, libraries and museums.
2. Information processing e.g. weighing evidence, recognising bias, being aware of different historical interpretations and forming judgments on the basis of supporting evidence and sound argument.
3. Presentation—the writing of essays is a basic skill to be developed at this level, and students will also use other media such as debates, projects and photographs.

ASSESSMENT

This course is assessed through 5 Achievement Standards worth 24 credits in total. 14 credits are assessed internally and 10 credits externally.

For more information, see Mr Westgate.

JAPANESE

INTRODUCTION

Japan is the fourth largest New Zealand trading partner, which has the third largest economy in the world after the United States and China, and Japanese is the ninth most widely spoken language in the world today.

In recent years trade and cultural ties between New Zealand and Japan have expanded, and so too has a demand for students with a sound knowledge of Japanese language and culture.

PREREQUISITE

12 credits from Level 1 Japanese including credits from 1 external standard or at the discretion of the Head of Department.

CONTENT

Students will learn up to the New Zealand Curriculum Level 7, communication functions, vocabularies and structures from the list of NCEA Level 2.

Topics:

- Family Life.
- Eating and drinking.
- The Japanese School System.
- Leisure Activities.

SKILLS

By the end of the course the student should be able to:

- Comprehend detail and summarise meaning in spoken and written Japanese.
- Initiate and maintain a conversation that may have some unpredictable contents.
- Write expanded passages, presenting ideas and information logically, and demonstrating their expanding knowledge of Kanji.

ASSESSMENT

There will be regular formative vocabulary and grammar tests throughout the year as well as practice in NCEA type tests to cover the skill of Listening and Reading.

This course is assessed through five Achievement Standards worth 24 credits in total. 14 credits are assessed internally and 10 credits externally.

For more information, see Mrs Baker.

LIFE SKILLS

INTRODUCTION

The aim of this course is to improve the student's life skills by gaining experiences that lead to independence beyond school. Boys in this course will have individual education plans (IEPs) which will be regularly reviewed with SENCO and family and the content and assessment tailored to student needs.

PREREQUISITES

None.

CONTENT

Course content will be negotiated individually.

The course may include:

- Living independently (clothing care, basic house chores, sharing the load/rosters, basic conflict resolution and compromise, shopping).
- Health and wellbeing (First Aid course, Personal health and wellbeing, Relationships).
- Social Responsibilities (The law and how it affects us, age restrictions and responsibilities, volunteering and giving back to the community).
- Financial literacy (budgeting, goods/services decisions, everyday banking).
- Individual support for assessments in the student's other subjects.

ASSESSMENT MAY INCLUDE

NCEA Level 1 Literacy Unit Standards (10 credits) and/or NCEA Numeracy Unit Standards (10 credits).

Supported Learning Level 1 Unit Standards, such as independent living, shopping, money, personal health and wellbeing.

First Aid (STAR funded course)

The number and type of credits offered will depend on the IEP agreement.

COURSE FEE

Course materials approximately \$30. Some courses may be paid for by STAR funding.

For more information, see Ms May.

MATHEMATICS - 201 & 201 Extension

INTRODUCTION

This course is for pupils who have proven mathematical ability and is an essential component for all further academic mathematical courses.

PREREQUISITES

Merit endorsement or better from Level 1 Mathematics or at the discretion of the Head of Department.

CONTENT

This course of study encourages pupils to understand concepts rather than just have a working knowledge of procedures. Topics that may be covered are:

Calculus – Differentiation and Integration.

- Algebraic methods in solving problems (compulsory for a 201 extension class).
- Probability and Normal Distributions.
- Statistics – statistical inferences.
- Trigonometry.
- Graphing – graphical models.

ASSESSMENTS

This course is assessed through in internal and external Achievement Standards mix up to a total 24 credits.

COURSE FEE

Students will be expected to provide an approved Graphics calculator (approx. \$130).

For more information, see Mr McAuslan or Mr Bell.

MATHEMATICS - STATISTICS (202)

INTRODUCTION

This course is designed for those students who require a Level 2 Mathematics qualification but do not have an overly strong background in Level 1 Mathematics. The course is mostly internally assessed, with one external standard.

PREREQUISITES

12 credits from Mathematics 101 or 102 or at the discretion of the Head of Department.

CONTENT

This course is for those students who require a good working knowledge of Level 2 mathematics but not an in-depth academic understanding. Topics covered include:

Trigonometry – trig relationships.

- Graphing non-linear graphs.
- Co-ordinate Geometry – lengths in 3D space.
- Statistics – using statistical methods to make inferences about situations.
- Series and Sequences.
- Probability – Simulations Investigation.
- Probability methods of solving problems.

ASSESSMENT

This course is assessed through 7 Achievement Standards worth 22 credits in total. 18 credits are assessed internally and 4 credits externally. (Probability Standard).

For more information, see Mr Bell or Mr McAuslan.

MATHEMATICS - GENERAL (203)

INTRODUCTION

This course is for pupils who have found the rigours of 102 Maths quite challenging. The course is taught using internal Mathematics Achievement Standards and some Unit Standards from Core Generic at Level 2 and is completely internally assessed.

PREREQUISITES

Entry is based upon the recommendation of the pupil's Year 11 Mathematics teacher and parental consent. Students should have studied a 101 or a 102 course in Level 1, and not achieved a subject endorsement in Mathematics. If a student has studied 103 Math, entry will be denied.

CONTENT

- Sequences and Series.
- Practical Trigonometry.
- Statistics Experiment.
- Networks.
- Probability Simulation.
- Personal insurance.
- Taxation.
- Co-ordinate Geometry.

ASSESSMENT

This course is assessed through 7 Standards worth 18 credits in total. All standards are internally assessed.

COURSE FEE

There will be a cost of \$30.00 for a Workbook plus a calculator Casio FX82. (Not a Graphics calculator)

For more information, see Mr Koedyk.

MEDIA STUDIES

INTRODUCTION

This course is offered to Year 12 students who wish to study the language of Media on two levels. The first being the analysis and exploration of the language of media and the second being the creative processes involved in the production of a media product.

PREREQUISITES

14 credits from Level 1 English or at the discretion of the Head of Department.

CONTENT

The course involves a mix of theory and practical work.

The theory part of the course involves students looking at how society reacts to media, the various aspects of media and the stereotypes and beliefs of society that the media influence. We also undertake a comprehensive genre study where we closely analyse a media genre; its conventions, development and various sub-genres.

The practical part of the course involves the students making a film, or completing a two page magazine spread. The production task is worth 10 credits in total.

ASSESSMENTS

This course is assessed through five Achievement Standards worth 20 credits in total.

- Internal = 17 credits
- External = 4 credits

The four external credits count towards University Entrance literacy.

For more information, see Ms Harford.

MUSIC

INTRODUCTION

This course aims to provide the students with skills, understanding and values of a wide range of musical style through **performance, composition, research, analysis and aural.**

PREREQUISITES

It is essential for students to have taken Year 11 Music or be proficient on a musical instrument or on voice. All students enrolling in this course must be taking lessons on a musical instrument or voice either through an itinerant music lessons scheme or by a private tutor. As well, students are required to participate in school (or other) instrumental or vocal group, or a band.

CONTENT

Solo Performance:	2.1	Student performs on their main instrument or voice. Assessment: Internal (6 credits)
	2.2	Student performs on their second instrument. Assessment: Internal (3 credits)
Group Performance:	2.3	Student performs as a member of a group. Assessment: Internal (4 credits)
Composition:	2.4	Student creates two original pieces of music or songs. Assessment: Internal (6 credits)
Instrumentation:	2.8	Student creates an instrumentation of simple music for an ensemble of at least four Instruments. Assessment: Internal (4 credits)
Research	2.9	Student researches an aspect of New Zealand music. Assessment: Internal (4 credits)
Aural	2.5	Demonstrate aural understanding through written representation. Assessment: External (4 credits)
Musical Studies	2.6	Demonstrate knowledge of conventions in a range of music scores. Assessment: External (4 credits)
Music Studies	2.7	Demonstrate understanding of two music works. Assessment: External (4 credits)

ASSESSMENT

Internal assessments are by means of tests, assignments and performance throughout the year. Students are required to keep a portfolio of their compositions for moderating.

External assessments are by means of end of year examinations in term 4.

Students are required to compile their portfolio of compositions, including statements of intention and authenticity, for final assessment.

ADDITIONAL

A course must comprise a minimum of 20 credits.

For more information, see Ms Dryden.

MUSIC TECHNOLOGY – LEVEL 2

INTRODUCTION

This course continues on from Level 1 Music Technology and aims to provide the students with a deeper understanding and application of music technology equipment and its use in a performance context.

PREREQUISITES

It is helpful for students to have taken Level 1 Music/Music Technology or alternatively have been learning a musical instrument for 3 or more years.

CONTENT

The course consists of up to four **internally assessed Unit Standards** all of which can be achieved with Merit or Excellence.

US27657	The development of Music Technology	4 credits AME
US27658	Sound control for a performance context	4 credits AME
US27703	Electronic music production/applications	4 credits AME

ADDITIONAL

Students will complete their course of a minimum of 20 credits, choosing from the 12 MUSIC course achievement standards. All of the unit standards in the music technology course are eligible to count towards course endorsement.

For more information, see Ms Dryden.

OUTDOOR EDUCATION

INTRODUCTION

The aim of the course is to introduce or improve the students' knowledge of their bodies through experiencing outdoor activities.

PREREQUISITES

An open mind to try new and challenging activities. Also the availability to use time after school one night a week.

CONTENT

The Outdoor Pursuits on offer include:

- Surfing.
- Mountain Biking.
- Kayaking.
- Snowboarding/Skiing.
- Ice Hockey.
- Adventure Based Learning.
- Tramping.

ASSESSMENT

This course is assessed through 4 Achievement Standards and 4 Unit Standards worth 27 credits in total, all of which are internally assessed. These standards are assessed throughout the year by assignments, sitting tests and performing practical skills at the required level.

COURSE FEE

The practical activities that are undertaken incur costs through hire of equipment, plus travel. All these costs are covered by a total cost of \$350 per year. There is also an additional cost of approximately \$350 for an optional snowboarding trip.

For more information, see Mr Davis.

PHYSICAL EDUCATION

INTRODUCTION

The aim of this course is to acquire knowledge and understanding about movement of the body in a sports context, and how it functions and responds to training.

PREREQUISITES

Completion of Level 1 Physical Education with at least 12 credits achieved, or at the discretion of the Head of Department.

CONTENT

The course will cover:

- Anatomy.
- Exercise Physiology.
- Training methods.
- Biomechanics.
- Motor Learning.
- Sport Psychology.
- As well as several practical components (e.g. Golf).

These units are assessed to National Certificate Achievement Standards and contain some practical work within each unit.

The practical side of the course is also assessed using Achievement Standards so recognition for personal skill can be rewarded. The practical work is varied and challenging and is aimed at promoting positive attitudes to physical activity and developing competence in motor skills.

ASSESSMENT

This course is assessed through 5 Achievement Standards worth 20 credits in total. All credits are internally assessed.

Students complete Achievement Standards throughout the year by submitting assignments, sitting tests and performing practical skills at the required level.

COURSE FEE

There are two practical activities, which incur a cost to those who participate in this course:

Golf or Aquathon: approximately \$50 (covers transport, coaching and equipment losses).

Workbook \$40.00.

Total cost \$90.00

For more information, see Mr Koni and Mr Alderton.

PHYSICS 201

INTRODUCTION

Studying the mechanics and interactions of the world around us, this subject follows on from science and mathematics in Year 11. A good mark in NCEA Level 2 Physics is an essential prerequisite for Engineering, Architecture and Medical school. A good grounding in at least Year 12 Physics is essential for any technical career.

This course is designed for students interested in studying Physics, Engineering, Medicine or the Sciences at University. It is largely externally assessed. Students looking for Physics credits through mostly internal assessment should consider Physics 202.

PREREQUISITES

Merit endorsement in Level 1 Science **and either** Achieved or better in MCAT **or** Merit or better in Math 1.3 (Equations, Tables and Graphs).

This course requires a fairly high mathematical ability and conceptual understanding of scientific ideas. The meeting of these prerequisites is essential. Students who do not meet these criteria will be allowed entry under special circumstances only.

CONTENT

- Mechanics.
- Electricity and Magnetism.
- Practical Investigations in Physics.
- Optic and Waves.
- Atomic and Nuclear Physics.

ASSESSMENT

This course is assessed through 5 Achievement Standards worth 23 credits in total. 7 credits are assessed internally and the majority 16 credits, externally.

- Physics 2.4, Externally Assessed- 6 credits
- Physics 2.6, Externally Assessed- 6 credits
- Physics 2.1, Internally Assessed- 4 credits
- Physics 2.3, Externally Assessed- 4 credits
- Physics 2.5, Internally Assessed- 3 credits

COURSE FEE

There may be a fee of \$30.00 for a Course Workbook (TBC).

FURTHER INFORMATION

- This course leads into Physics 301 or Physics 302.
- Students wishing to sit Scholarship Physics in Year 13 must take this course.
- For more information, see Mr Farry.

PHYSICS 202

INTRODUCTION

Studying the mechanics and interactions of the world around us, this subject follows on from science and mathematics in Year 11. A good mark in NCEA Level 2 Physics is helpful for any practical or technical career.

This course is designed for students interested in any career for which Physics is helpful, but not essential, particularly trades, or for any students who are looking for Level 2 Physics credits assessed internally. Students whose career pathway requires a full externally assessed Physics course should consider Physics 201.

PREREQUISITES

Achieved or better in MCAT **or** Merit or better in Math 1.3 (Equations, Tables and Graphs) **and either** Achieved or better in any Level 1 Science External (e.g. Mechanics, Genetic Variation) **or** Merit or better in Physics 1.1 (Practical Investigation).

This course requires a reasonable mathematical ability and conceptual understanding of scientific ideas. The meeting of these prerequisites is essential. Students who do not meet these criteria will be allowed entry under special circumstances only.

CONTENT

- Mechanics.
- Practical Investigations in Physics.
- Atomic and Nuclear Physics.
- The application of Physics to real world contexts.

ASSESSMENT

This course is assessed through 4 Achievement Standards worth 16 credits in total.

10 credits are assessed internally and 6 credits externally.

- Physics 2.4, Externally Assessed- 6 credits
- Physics 2.1, Internally Assessed- 4 credits
- Physics 2.2, Internally Assessed- 3 credits
- Physics 2.5, Internally Assessed- 3 credits

COURSE FEE

There may be a fee of \$30.00 for a Course Workbook (TBC).

FURTHER INFORMATION

- This course leads into Physics 302.
- For more information, see Mr Farry.

SCIENCE

INTRODUCTION

This is a course designed for students who wish to continue with Science in Year 12 and need to gain Level 2 Science credits for an apprenticeship or entry to a Polytechnic diploma level course. It supports vocational pathways for the manufacturing and technology sector.

PREREQUISITES

Students should have gained 12+ credits in Science 101 or 102. Students from 103 can request permission from the HOD of Science who will look at the student's level of achievement within the class i.e. Merits and Excellence level.

CONTENT

There is a strong emphasis on Space Science and Geology which incorporates aspects of Chemistry, Biology and Physics. Topics covered include:

- Chemistry Investigation- ions in solutions
- An investigation of the Geologic processes and how they relate to:
Local Dunedin Geology and Petrology
Extreme events- Earthquakes, Volcanoes and Tsunamis
- A study of Mars including:
Environment and Geology
Exploration of Mars- past, present and future
Possible future human exploration/habitation

ASSESSMENT

There are a total of 19 credits in Level 2 Science. 15 of these credits are from the internally assessed Achievement Standards. 4 of these credits are from an externally assessed Achievement Standard.

This course does not lead into Level 3 Biology, Chemistry or Physics.

COURSE FEE

There will be a \$10 Workbook fee and approximately \$10 for a day trip for fieldwork.

For more information, see Mrs Jopson.

SPORT & RECREATION

INTRODUCTION

The aim of this course is to introduce or improve the student's knowledge of sports, working in groups and using their bodies through experiencing a range of sporting contexts and activities.

PREREQUISITIES

None, although Year 11 Sport and Recreation is recommended. Students need to be open to trying new and challenging activities and be available for some activities out of school hours.

CONTENT

The course will cover:

- Leadership.
- Exercise and training.
- Social responsibility.
- Risk management.
- Diving.
- Snow skiing or snowboarding. (student choice)

ASSESSMENT

This course is assessed by 3 Achievement Standards and 3 Unit Standards totalling 22 credits. A course endorsement is not available in this course.

COURSE FEE

There is a fee of \$50 to cover transport, coaching and equipment costs. There will be an additional cost for the ski /snowboarding trip of approximately \$350.

For more information, see Mr Bamby.

TECHNOLOGY – HARD MATERIALS

INTRODUCTION

The hard materials Technology program has been developed for students who are passionate about making quality projects and has a heavy focus on designing solutions to complex problems in the workshop. The course consists of two projects. One that is set by the teacher and one that is designed by the student.

PREREQUISITES

Completion of all Year 11 internal and external standards is compulsory.

CONTENT

Students will complete a complex project set by the teacher to assess their practical skills for the first project, then with their new skills find an issue that they can design a solution for and build a prototype for the second project. The second project is student centred and is designed start to finish by the student. Skills gained in this course include:

- Obtain a sense of achievement and satisfaction through success in craftsmanship and pride in workmanship.
- Gain experience in decision making through practical problem solving.
- Develop design skills that will allow the translation of knowledge and ideas into practical realities.
- Develop self-discipline and a range of practical skills which permit the safe and satisfying use of tools and materials.
- Practise skills of reading, measurement, calculation, reasoning and experimentation in a workshop situation.
- Develop skills in researching information and in presenting the findings.
- Make an honest appraisal of the quality of solutions in relation to original intentions.
- Work in depth with materials and recognise and explore their qualities.
- Develop an understanding of the nature of technology and its effects on the local environment.

Gain skills in:

- Welding techniques; gas, mig or arc.
- Fitting and turning (Lathe work).
- Construction techniques.
- Forgeing and metal tempering technique.
- Toolmaking.
- Furniture making.
- Surfboard making.

ASSESSMENT

The course will be assessed through four Achievement Standards worth 20 credits in total, 16 credits are assessed internally and 4 credits externally. Certificate of endorsement is available in this course.

COURSE FEE

There will be a course fee of \$150.00, all students' projects are priced and any costing above this sum will be an additional charge.

For more information, see Mr McPherson.

TE REO MĀORI

TE REO MĀORI ME ŌNA TIKANGA – Māori language and customs.

TAUMATA TUARUA - Level Two

HE REO WHAKATAKI - An introduction

E aro atu ana ngā akoranga ki ngā kaupapa e whā o te Tohu Mātauranga Taumata Tuarua.

The course will focus on the four parts of language assessed for Level Two NCEA.

Kōrero	- Oral
Whakarongo	- Aural Comprehension
Pānui	- Reading Comprehension
Tuhituhi	- Writing

NGĀ WHAINGA – Prerequisites:

Kia piki mai te ākonga ki te Taumata Tuarua, me tutuki i a ia ngā whiwhinga o te Taumata Tuatahi. Mā Matua Komene te whakatau kia uru mai tētahi kāore anō kia whiwhi i ngā whiwhinga o Te Reo Māori Taumata Tuatahi.

Entry is permitted for those who have achieved Level One NCEA in Te Reo Māori. Students who have not completed Level One Te Reo Māori may do this course at the discretion of Matua Matiu Ratima.

NGĀ KAUPAPA – Content:

NCEA Criteria
Tikanga Māori.
Māori customs including Waiata, Haka, Karakia, Moteatea
Te Pūkaki - Nā Ian & Shirley Cormack.

NGĀ PUKENGA – Skills

Kōrero – Oral.
Whakarongo - Aural Comprehension.
Pānui - Reading Comprehension.
Tuhituhi – Writing.

TE ĀHUA O TE MAHI NCEA

2.1: Whakarongo kia mōhio ki te reo o te ao torotoro	-	4 Credits Internal
2.2: Kōrero kia whakamahi i te reo o te ao torotoro	-	6 Credits Internal
2.3: Pānui kia mōhio ki te reo o te ao torotoro	-	6 Credits External
2.4: Tuhi i te reo o te ao torotoro	-	6 Credits External
2.5: Waihanga tuhinga auaha i te reo o te ao torotoro	-	6 Credits Internal

COURSE FEE

There will be a fee of \$20.00 for a Workbook.

For more information, see Matua Matiu Ratima.

TOURISM

INTRODUCTION

The Tourism Industry is now New Zealand's most important sector of the economy. It employs over ten percent of our workforce. It is anticipated it will grow quickly in the next decade offering many opportunities for school leavers.

This course is primarily available for students with an interest in making a career in Tourism. It will lead to Tourism studies that can be undertaken at a Polytechnic or University. The aim of the course is to acquire knowledge and understanding of customer service, the industry and its requirements and career options.

Students need to have a genuine interest in pursuing a career in the Tourism Industry to undertake this course.

PREREQUISITES

This course is open entry.

CONTENT

During the year the students will study a course made up of the following Level 2 standards:

• The History of Tourism.	4 credits
• Work Rules in Tourism.	3 credits
• Knowledge of World Tourism Destinations.	4 credits
• The Business of Tourism.	4 credits
• Destination New Zealand.	4 credits
• Impact of Tourism on the Physical Environment.	3 credits
Total	22 credits

ASSESSMENT

All standards are assessed internally throughout the year.

FIELD TRIPS

There may be field trips to local tourist operators throughout the year.

For more information, see Mr Cushen.

TRADE TECHNOLOGY

INTRODUCTION

The Trade Technology course is designed for those students who see themselves going into engineering or one of the allied trades in the near future. The course is centred around practical projects and has a high component of hands on learning.

PREREQUISITES

Completion of Year 11 'making' achievement standards (91057, 91047) or at the discretion of the Head of Department.

CONTENT

Each student will develop new skills when undertaking various small projects that are set by the teacher, then with their new skills find an issue that they can design a solution for, and build a prototype. The course will allow you to do the following:

- Obtain a sense of achievement and satisfaction through success in craftsmanship and pride in workmanship.
- Gain experience in decision making through practical problem solving.
- Develop design skills that will allow the translation of knowledge and ideas into practical realities.
- Develop self-discipline and a range of practical skills which permit the safe and satisfying use of tools and materials.
- Practise skills of reading, measurement, calculation, reasoning and experimentation in a workshop situation.
- Make an honest appraisal of the quality of solutions in relation to original intentions.
- Work in depth with materials and recognise and explore their qualities.

Gain skills in:

- Welding techniques; gas, mig or arc.
- Fitting and turning (Lathe work).
- Construction techniques.
- Forgeing and metal tempering technique.
- Bone carving.
- Tool making.
- Furniture making.

ASSESSMENT

A mixture of achievement standards and unit standards that will provide a total of 20-24 credits.

COURSE FEE

There will be a course fee of \$150.00, all students' projects are priced and any costing above this sum will be an additional charge.

For more information, see Mr Simmons.

VISUAL ARTS - Design

INTRODUCTION

The aim of this course is to introduce students to the practices and procedures of Design and to extend the understanding of this area of art through individual performance.

PREREQUISITES

12 credits at Level 1 Art or Design and Visual Communication or at the discretion of the Head of Department.

CONTENT

- Design will cover foundation skills to enable students to develop problem solving strategies
- Students will work on a variety of projects in different areas of design including basic principles of visual messages; tasks for learning of new media e.g. computer graphics software; illustration; typography, logo/logotype, layout and other facets of commercial and artistic graphic design. Studies include architecture, design for interior spaces and into 3D furniture design.

ASSESSMENT

This course is assessed through 4 Achievement Standards worth 24 credits in total. 12 credits are assessed internally and 12 credits externally. External credits are assessed via folio.

COURSE FEE

The senior art fee for 2018 is \$100.00. This covers the art pack containing most of the personal materials each student requires, as well as the costs involved in the preparation of the end of year folio. It also includes a contribution to other consumable items needed, but not in their packs.

For more information, see Mr Waters, Mr Kennedy or Mrs Sharma.

VISUAL ARTS - Painting

INTRODUCTION

The aim of this course is to develop an understanding of existing procedures and practices which underline art and design and the practice and extension of those in individual performance.

PREREQUISITES

12 credits at NCEA Level 1.

CONTENT

- Drawing - students explore a range of drawing techniques using a variety of media.
- Exploring the media - students will explore and extend technical and composition skills in two to three of the following: painting, print making, mixed media. Research into current and established practice and procedures will be an integral part of the working process.
- Individual project - students will select a medium to work in, then they will explore a theme of their own choice. They will be expected to work through a related series of drawings, small and large works, and complete a number of finished works, to complete their external folio.

ASSESSMENT

This course is assessed through 4 Achievement Standards worth 24 credits in total. 12 credits are assessed internally and 12 credits externally.

COURSE FEE

The senior art fee for 2018 is \$100.00. This covers the art pack containing most of the personal materials each student requires, as well as the costs involved in the preparation of the end of year folio. It also includes a contribution to other consumable items needed, but not in their packs.

For more information, see Mr Kennedy.

VISUAL ARTS - Photography

INTRODUCTION

The aim is to develop an understanding of existing procedures and practises which underlie the making of Art, in the field of Photography, and the extension of those in individual performance.

PREREQUISITES

There are no prerequisites for Photography although clearly those students having gained a minimum of 12 credits in Level 1 Visual Art are at an advantage.

CONTENT

- Foundation shooting, processing, and printing skills, including studio set up, lighting, basic Photoshop processing, file management, pre and post shot manipulation.
- Gaining a basic knowledge of the history of Photography in a Fine Arts context.
- Compiling the examination folio, students select and place works representing the generation and development of ideas.

ASSESSMENT

Level 2 Achievement standards Internals 2.1, 2.2 and 2.3 and External 2.4.

Each internal is worth 4 credits and the external is 12 credits. External credits are assessed via a 2 panel folio.

COURSE FEE

The senior art fee for 2018 is \$100.00. This will cover the Year 12 Photography pack, the cost of making their folio and sending it away for assessment as well as contributing towards their printing costs. Frugal students may not be required to pay more towards the cost of printing their folio.

For more information, see Mr Kennedy or Mrs Sharma.

GATEWAY PROGRAMME

AIMS

- To provide a range of structured learning opportunities in the workplace.
- To deliver hands on practical learning that leads to nationally recognised qualifications.
- To develop an individual training plan for each student detailing the learning and standards to be achieved in the workplace.
- To gain at least 20 Level 2 credits in the workplace.

WHAT IS GATEWAY

The Gateway programme is offered to Year 12 and 13 students who are interested in a career in a particular industry and are ready to learn and work in a workplace. It can also lead on to further Tertiary study programmes.

Gateway students should expect to spend one day per week during term time at their work placement (minimum of 20 days per year). The skills you learn on the job are assessed for credits and these credits can count towards both industry qualifications and NCEA.

The workplace learning is incorporated into the students' individual programme. Skills are developed in the workplace to complement the students' school based learning.

Students who select Gateway as an option will be interviewed for career goals and suitability.

Gateway students will study 5 other subjects.

For more information, see Ms Davis - Pathways Co-ordinator, or Ms. May.

STAR

Secondary Tertiary Alignment Resource

STAR provides extra funding to secondary schools so that they are able to provide access to non-traditional courses that may help senior secondary students sort out their future such as:

- Pathways to employment after leaving school.
- Possible options for further education at a tertiary institution.

STAR courses may be provided within school, as a block 1 to 3 day course, if demand is sufficient, or they may involve you attending one organised by an external provider in weekends or holidays.

- It provides a chance to try out possible careers.
- It provides a chance to gain new skills that are appropriate to the workplace.
- It can lead to qualifications.
- It helps to create a curriculum that is more relevant to working life.
- It can provide a practical, “hands on” work-based experience.
- It can allow students to experience a different learning environment.
- The courses are available at no cost to the students.

This is not a course to be selected as an option.

If you think that STAR courses may be useful to you then you must approach:

Ms. Davis - Pathways Coordinator

TRADES ACADEMY PROGRAMME

Otago Secondary Tertiary College (OSTC)

Otago Secondary-Tertiary College (Otago Polytechnic) offers a training programme which gives Secondary School students a head start to achieving career-based Vocational Pathway qualifications while still at school. (OSTC was previously known as the Trades Academy.) It is designed for Year 12 and 13 students who:

- Want an alternative to traditional secondary and tertiary education.
- Are looking for something hands-on, practical and relevant to an industry or profession.
- Want a qualification that gives the skills and strengths employers are looking for.
- Want to obtain NCEA credit for real-world career training.

Courses for 2018 in Dunedin are:

- Automotive (Motor Industry)
- Building, Construction and Allied Trades (BCATS)
- Cookery (Level 3 only)
- Hairdressing
- Health and Wellbeing.

Boys go to the OSTC course for one full day a week, and do 5 other subjects at King's.

Boys will write an application and be interviewed before being accepted to an OTSC course. Applications are made in August, at coursing time. Late applications cannot be accepted. Students must make a full-year commitment, so don't apply if you might leave during the next year.

For the *OSTC 2018 Programme Guide* and further information, see Ms May.