

Otago Boys' High School

Course selection for 2018

NCEA Level 3

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Young men, parents and caregivers

Welcome to your final year of NCEA. The aim of this booklet is to assist you with your course planning for next year. The handbook contains information on all subjects currently offered in the senior school.

Be assured that every effort will be made to provide a course of study that will meet your needs and assist you to achieve your academic and career goals.

Advice on course planning is available from the staff listed below. For advice on individual subjects please talk to your teachers and the staff member listed in the information for each subject. Read this booklet carefully, and keep it for later reference.

Some quick tips of advice

- Know the prerequisites (what must be studied beforehand);
- Plan ahead (what your course leads to);
- Consult with the adults you live with and with the teachers in charge of subjects.
- Follow **your** preferences and choices, not those of your mates.

Key staff for 2018 - You may wish to ask advice from the following staff:

Guidance Counsellor	Mr Rust
Careers Advisor	Mr Swan
Academic leader	Mr Hooper

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General information

Classes will be organised and timetabled to operate only if there are sufficient numbers of students interested and if staffing and resources are available. There may be composite (mixed level) classes. Video conference and/or Correspondence School courses may have to be applied for. This school's policy is to have students taught here by teachers.

Specific information for Year 13 students in 2018

The benefits of a Year 13 group to both students and this school are obvious and rewarding, especially in the development of leadership, initiative and academic knowledge.

All students are expected to study at least FIVE subjects. Level 3 subjects are quite academic and prepare students for university study. Level 2 achievement at the merit and excellence level is highly desirable and a good foundation for success at this level. Many university courses demand high levels of achievement to ensure placement in certain subjects.

All Level 3 subjects have prerequisites based on your achievement in NCEA Level 2. Students may be directed into a multi-level course combining Level 2 and Level 3 subjects.

Some combinations of subjects will not be possible due to timetable, rooming and qualification constraints. For example, P.E. and Outdoor Education double up in their assessments of learning so this is not a possible combination.

Recognising high achievement

You can gain a NCEA with Merit or Excellence. If you gain enough credits for your NCEA and 50 or more of them are at Excellence, you will earn NCEA with Excellence. If you get 50 or more credits at Merit (or a mix of Merit and Excellence), you will earn NCEA with Merit.

Course endorsements 2018

A course endorsement provides recognition for a student who has performed exceptionally well in an individual course. The key objective of a course endorsement is to motivate students to achieve their potential in one or more courses. Students will gain an endorsement for a course if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence at the lower level that supports the endorsement
- at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. Note this does not apply to Physical Education and level 3 Visual Arts.

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Centurions & Gold Oak Leaf

Centurions recognise those students who have passed all internals and externals through the course of the year. It is acknowledged through the award of the Gold Oak Leaf, a permanent symbol of our school motto “Recti Cultus Pectoa Roborant”. At various other times through the year, in senior assemblies and in year group assemblies, those students who are still maintaining a 100% pass rate will be acknowledged in the company of their peers.

University Entrance

To qualify for University Entrance you need:

- 14 credits in each of 3 approved subjects at Level 3. At OBHS all Level 3 subjects, with the exceptions of Outdoor Education, Sport, Technology Metal and Technology Wood, are approved subjects.
- To gain NCEA Level 3
- To have achieved 5 credits in Reading and 5 credits in Writing from specified Level 2 and 3 standards.
- To have achieved 10 credits in Numeracy from specified standards at Level 1 or higher.

How to make your subject choices

From the evening of Thursday 14th September you will notice a new hyperlink down the left hand-side of your online KAMAR portal (portal.obhs.school.nz) called **Course Selection**. (Not the app but the online portal).

Subject choices **must be submitted by Friday 29th September**

If you change your mind before the deadline please submit another round of choices and please inform Mr Hooper by email. We are always here to help and advise. Please do not be afraid to drop me an email over the next few days or leave a message on the phone.

mark.hooper@obhs.school.nz 03 474 3049

Good luck and don't rush into any decisions. Take a week or so to finalise your decisions.

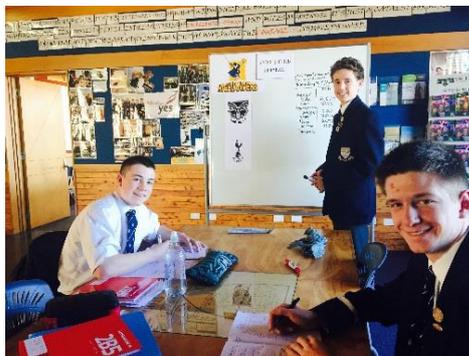
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Accounting in 2018

For further information please see Mr Gledhill.

kevin.gledhill@obhs.school.nz



NCEA Level 3 / Course code: 13ACC

Entry information

A minimum of 12 credits in Level 2 Accounting (including the 5 credits from 91176) or 18 credits in Level 1 Accounting if you did not study Level 2 Accounting. Some of these credits should be at the merit or excellence level. Level 3 Accounting assumes competent prior study.

Outline of Course

The context of Accounting shifts to partnerships and companies. Reporting, analysing and interpreting performance, financial position and cash flows are a major part of the course. Cost and management accounting are introduced, as are budgeting techniques

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Demonstrate understanding of accounting concepts for a reporting entity.	4	91404	External	Y	N
Demonstrate understanding of accounting for partnerships	4	91405	Internal	N	N
Demonstrate understanding of company financial statement preparation.	5	91406	External	N	N
Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.	5	91407	Internal	Y	Y
Demonstrate understanding of management accounting to make a decision.	4	91408	External	N	N
Demonstrate understanding of a job cost subsystem for an entity.	4	91409	Internal	N	N

Course costs

The cost of the Level Three student workbook is \$40.

Where this qualification can lead, tertiary study and careers

Tertiary qualifications in Accountancy, Commerce, Business Studies, Computing and Law. New Zealand accountancy qualifications and skills are highly marketable in New Zealand and internationally.

Accounting opens up a wide range of career options. You could join a Chartered Accountancy firm, a government department, a charitable or sporting organisation, private industry or set up your own business.

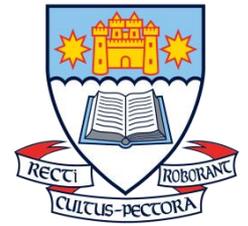
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Agricultural and Horticultural Science in 2018

For further information please see Mr Ashdown

tim.ashdown@obhs.school.nz



NCEA Level 3 / Course code: 13AGR

Entry information

There are no prerequisites for this course.

Outline of Course

The course is a full NCEA course which mixes practical and theoretical skills. The course is assessed by a mixture of internal and external exams. It is suitable for any student with an interest in a career in applied science, primary industries or a desire to cultivate their own food and become more self-sufficient.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Investigation into a primary product in NZ	4	91528	internal	N	N
Research the impact on profitability of a primary product	6	91529	internal	Y	N
Supply and demand for NZ primary products	5	91530	external	Y	Y
Production processes and market requirements	4	91531	external	Y	Y
ATV safety course	19	unit standards	internal	Y	Y

Course costs

Course book \$35. Notebook

Where this qualification can lead, tertiary study and careers

The course leads to study at agricultural college or job in primary industries.

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Visual Art in 2018

For further information please see
Ms Taylor
kirsten.taylor@obhs.school.nz



NCEA Level 3 / Course code: 13 ART

Entry information

This is a course that is best undertaken following a year of attaining 14 credits in Level 2 Art. However, students are sometimes accepted upon the presentation of a personal collection of artwork that reflects enthusiasm and some ability.

Outline of Course

Students will be expected to research, discuss, investigate and produce original work within painting to show extensive knowledge of art-making methods and ideas.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Painting: Analyse methods and ideas from established painting practice.	4	91441	Internal	N	N
Use drawing to demonstrate understanding of conventions appropriate to painting.	4	91446	Internal	N	N
Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.	12	91456	External	N	N

Course costs

The fee is \$80.00 and it includes but is not limited to the following items:

1 A2 Art Bag, 1 Set of A2 paints, 6 Brushes, 4 Pencils, 2x Sharpie Markers, Erasers, A mixture of weighted papers, photography chemicals and photography papers, printmaking etch plate, lino plate, carving tools, printmaking inks

Where this qualification can lead, tertiary study and careers

Bachelor of Arts, Bachelor of Architecture, Bachelor of Design, Bachelor of Digital Art and Animation, Bachelor of Fine Arts, Bachelor of Industrial Design, Bachelor of Landscape Architecture, Bachelor of Interior Design, Bachelor of Maori Visual Arts, Master of Curating and Cultural Leadership,

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Biology in 2018

For further information please see Ms Casey or Mr Twaites
pru.casey@obhs.school.nz kent.twaites@obhs.school.nz



NCEA Level 3 / Course code: 13BIO

Entry information

Success in level two Biology leads well to level three Biology studies. Students who are achieving in English and/or Mathematics will also do well in Biology.

A minimum of 12 credits in Level 2 Biology (preferably with 8 at Merit or higher), at least 4 of which come from the externally assessed standards AS91156, AS91157.

In addition, it is expected you will have a minimum of 12 credits in Level 2 English as pre-requisites for this course.

Outline of Course

Students will study biotechnology, homeostasis of humans in the context of an endurance race, plant and animal ecology and ethology and human evolution. This course is well suited for students who are looking to develop skills in reading and writing, research and writing reports, study for tertiary success and interpreting data.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Homeostasis of the human body	3	91604	Internal	Y	N
Biotechnology	3	91607	Internal	Y	N
Drugs in Sport	3	91602	Internal	Y	Y
Orokonui practical investigation	4	91601	Internal	N	Y
Speciation of NZ flora and fauna	4	91605	External	Y	Y
Human evolution	4	91606	External	Y	Y

Course costs

Workbook \$32

Field trip costs for the 4 credit investigation assessment will be \$75 or an optional Stewart Island trip is also on offer – the approximate cost for this is \$300.

Where this qualification can lead, tertiary study and careers

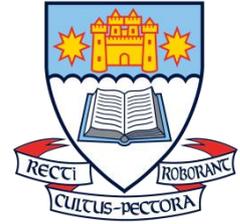
Completion of this course is a suggested pathway for many tertiary courses such as; health sciences, zoology, biochemistry, genetics, anthropology, agriculture, veterinary science, ecology, botany, marine science and nutrition.

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Business Studies in 2018

For further information please see Mr Pratley

gwyn.pratley@obhs.school.nz



NCEA Level 3 Course code: 13BUS

Entry information

There are no specified prerequisites for entry to this course. However the TIC will assess each applicant on their ability to cope with the Level 3 workload based on your Level 2 NCEA results. In addition, it is expected you will have a minimum of 12 credits in Level Two English and 12 credits in Level 2 Mathematics.

Outline of Course

During the year you will have the opportunity to gain 19 credits in this course. The Lion Foundation Young Enterprise Scheme (YES) will provide the vehicle for the 15 credits that will be available via internal assessment. A further 4 credits will be assessed at the end of the year in your external NCEA exams.

You will be involved in The Lion Foundation Young Enterprise Scheme (YES) which is a practical 'hands-on' business programme where students set up their own company, create real products/services, implementing marketing plans, earn money and keep their profits. This is not just an academic course but a relevant and exciting business journey.

In the YES there is a \$25,000 national prize pool as well as regional awards and cash prizes and tertiary scholarships. YES students have opportunities to attend national business competitions and events such as the regional 'Dragons Den' as well as maintain business networks through the YES alumni and business incubator programmes.

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Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Demonstrate understanding of how internal factors interact within a business that operates in a global context.	4	91379	External	Y	N
Develop a marketing plan for a new or existing product.	6	91382	Internal	Y	N
Carry out, with consultation, an innovative and sustainable business activity.	9	91384	Internal	Y	N

Course costs

Students are encouraged to purchase a Year 13 NCEA Business Studies workbook to supplement their studies, which will cost approximately \$25. There is also a \$35 fee to take part in the Young Enterprise Scheme (YES). Where possible students are encouraged to BYOD to class as some resources used in class are also available on-line.

Where this qualification can lead, tertiary study and careers

Tertiary Study and Careers: To degrees such as Bachelor of Commerce or Arts. Polytechnic courses such as National Diploma in Business Studies or Management. Careers such as Valuer, Marketing, Lawyer, Economist, Sociologist, Teacher, Planner, Accountant, Statistician, Personnel Officer, Tertiary Lecturer, Banking, Insurance, Stockbroker, Business Advisor etc.

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Chemistry in 2018

For further information please see Mr Golder

ryan.golder@obhs.school.nz



NCEA Level 3 / Course code: 13CHE

Outline of Course

The Level 3 course builds upon the concepts already developed during the previous year. The boys will learn to identify and explain trends in the periodic table and extend their understanding of organic chemistry. The course will ensure that the boys are prepared for tertiary study across a number of STEM disciplines.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Quantitative analysis	4	91387	Internal	N	Y
Spectroscopy	3	91388	Internal	N	N
Chemical processes in context	3	91389	Internal	Y	Y
Reduction-Oxidation	3	91393	Internal	N	N
Thermochemical principles	5	91390	External	N	N
Organic Chemistry	4	91391	External	N	N

Course costs

Internal and external SciPad (textbook) \$8.50 and \$20 respectively.

Where this qualification can lead, tertiary study and careers

To first year University courses leading to STEM degrees. Examples include Anatomy, Biochemistry, Chemistry, Botany, Food Science, Genetics, Human Nutrition, Microbiology, Neuroscience, Oceanography, Pharmacology, Physiology, Biotechnology and first year health sciences.

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Classical Studies in 2018

For further information please see Ms Gorman
anne.gorman@obhs.school.nz



NCEA Level 3 / Course code: 13CLS

Entry information

A minimum of 12 credits in NCEA Level 2 English, preferably including one of the following standards: 91098 (Analysis of written text), 91100 (Analysis of unfamiliar text) or 91101 (selection of writing).

Outline of Course

The course studies aspects of the life and culture of Classical Greece and Rome. The themes of citizenship and society, culture and identity, empire and power, conflict and art and aesthetics are analysed through the study of the literature, art, history, politics, beliefs and ideas of the classical world. Using primary sources from the classical world, we can come to an understanding of what how Ancient Greeks and Roman viewed themselves and their place in the world, and of what was important to them. The influence of the classical world on our modern world is also examined. The course develops skills in research, critical thinking and analysis, and academic writing.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Greek and Roman Epic	4	91394	External	Y	Y
Roman Art and Architecture	4	91395	External	Y	Y
The Philosophy of Socrates	6	91397	Internal	Y	N
The Heroic Tradition	6	91398	Internal	Y	N

Course costs

None

Where this qualification can lead, tertiary study and careers

The course can lead to further study of Classics at University level. It is a useful background for careers in journalism and the media, library work, law, art gallery and museum work, travel and tourism.

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Food and Nutrition in 2018

For further information please see Ms Irving or Ms Moore.

jacqueline.irving@obhs.school.nz emma.moore@obhs.school.nz



NCEA Level 3 / Course code: 13FDN

Entry information

It is preferable that students have level two literacy as credits in this course are attached to written tasks rather than practical tasks.

We are a University Entrance subject. 14 Achievement Standard credits in total are needed to achieve this. To get subject endorsement students must get 10 Achievement Standard credits internally and 4 Achievement Standards externally.

Outline of Course

Teaching and learning is underpinned by practical learning in this course. The Year 13 programme has a strong emphasis on practical skills relevant to real life situations and future job opportunities including Tertiary Education. There is a UE and non UE pathway embedded in this course outline.

A course outline will be provided to students at the start of 2018 to confirm standards if any standards need adjusting to meet student needs. Students will undertake a selection of credits on offer.

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NCEA Level 3 / Course code: 13FDN ... continued ...

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Develop a conceptual design considering fitness for purpose in the broader sense. Technology Unit Food for Flattening	5	AS91610	Internal	N	N
Analyse a food related ethical dilemma for New Zealand Society.	5	AS 91468	Internal	Y	N
Investigate the influence on Multinational Food Corporations on the eating patterns in New Zealand.	5	AS 91469	Internal	Y	N
Analyse the influences of food advertising on well-being.	4	AS 91471	External	N	Y
Demonstrate knowledge of culinary products and terms	8	US 18497	Internal	N	N
Demonstrate knowledge of nutrition in commercial cookery	5	US 13343	Internal	N	N

Course costs

There is a cost of \$120 which includes all ingredients and consumable materials used by students undertaking this course throughout the year in the specialist Food room. Students undertaking the unit standards may have to pay an addition fee of \$30 to cover the cost of materials from Service IQ.

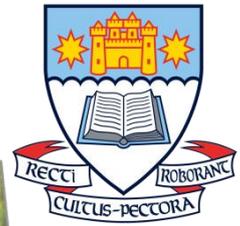
Where this qualification can lead, tertiary study and careers

Sports Nutrition/ Food, Agriculture and Business Marketing/ Bachelor of Culinary Arts/ Food Science/ Catering Industry/ Product Design and Analysis/ Dietician/ Food Production/ Quality Assurance and any aspect of food related arenas including Hospitality.

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Digital Technologies in 2018

For further information please see Mr South or Mrs Bennett
mike.south@obhs.school.nz nicole.bennett@obhs.school.nz



NCEA Level 3 / Course code: 13DGT

Entry information

Students must have gained at least 12 credits in Level 2 Digital Technology achievement standards.

Outline of Course

This builds on Level 2 Digital Technology and looks at some of the elements of that course but in more detail and to a greater depth. It is designed to prepare students to take their place in a tertiary course and includes 3 new digital technology achievement standards: creating and using relational databases, planning and creating a complex computer program in a text based language (Python) and producing a conceptual design for a computer program.

Assessment

This course is assessed internally using level 3 achievement standards worth 6 credits each for a possible 18 credits to meet University Entrance requirements

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Relational Database	6	91633	Internal	N	N
Python programming	6	91637	Internal	N	N
Conceptual program design	6	91610	Internal	N	N

Where this qualification can lead, tertiary study and careers

Provides students with the more advanced practical computing skills required for them to do year 13 Digital Technology in the following year. It will develop pupils ability so they can go on to do more in depth work with relational databases, Python programming at an advanced level and Advanced Conceptual program design work.

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Earth and Space Science in 2018

For further information please see Mr Ashdown
tim.ashdown@obhs.school.nz



NCEA Level 3 / Course code: 13ESS

Entry information

Students will need to have completed the year 12 course or be currently enrolled in another level 3 science course.

Outline of Course

The course is a full NCEA course with University entrance and scholarship classes available in school. The course amplifies the work from year 12 and branches out into the two externals on earth science. The course is varied, interesting and challenging for students of all abilities.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Space Investigation	4	91410	internal	Y	Y
HEP in New Zealand	4	91411	internal	Y	Y
How old is the Dunedin Volcano?	4	91412	internal	N	N
The search for extra-terrestrial life	4	91415	internal	Y	N
Atmosphere systems	4	91414	external	Y	Y
Ocean systems	4	91413	external	Y	Y

Course costs

The course text book is required (\$32) and note book

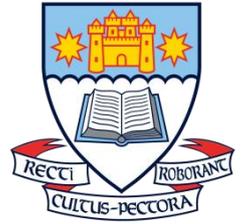
Where this qualification can lead, tertiary study and careers

The course provides a way into further study of Geology and Astronomy at University level. It will be useful in further study in Geography and all Earth sciences. It has application in many fields of applied science.

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Economics in 2018

For further information please see Mr Pratley
gwyn.pratley@obhs.school.nz



NCEA Level 3 / Course code: 13ECO

Entry information

A recommended minimum of 12 credits in Level Two Economics (preferably with 6 at Merit or higher). If you did not study Level 2 Economics then entry is at the discretion of the TIC who will assess your readiness to cope with the Level 3 workload based on your Level 2 NCEA results. In addition, it is expected you will have a minimum of 12 credits in Level Two English and 12 credits in Level 2 Mathematics.

Outline of Course

The course includes the study of the theory of efficient (perfectly competitive) markets and real world market failure. It enables students to achieve an understanding of economic theory that will allow them to develop a continuing interest in present day economic problems. The course also includes an overview of government policies to meet macro-economic goals. The full course must be completed for students interested in undertaking Scholarship study.

Assessments resulting from the course learning

This is a full year course that provides the opportunity to gain 24 credits. There are two internally assessed achievement standards worth a total of 10 credits. The remaining credits are externally assessed. Not all students will enrol in all standards – enrolment in standards will be based on individual students' learning goals and future study intentions. All Level 3 standards contribute to University Entrance Literacy requirements in either reading or writing (or both). Level 3 students are expected to also enter the University of Auckland NZ Economics Competition. There is also an opportunity to be involved in extension activities such as the NZ Treasury Schools' Challenge, the Reserve Bank Monetary Policy Challenge and essay competitions.

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NCEA Level 2 / Course code: 13ECO ... continued ...

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Demonstrate understanding of the efficiency of market equilibrium	4	91399	External	Y	Y
Demonstrate understanding of the efficiency of different market structures using marginal analysis	4	91400	External	Y	Y
Demonstrate understanding of micro-economic concepts	5	91401	Internal	Y	N
Demonstrate understanding of government interventions to correct market failure	5	91402	Internal	Y	N
Demonstrate understanding of macro-economic influences on the New Zealand economy	6	91403	External	Y	Y

Course costs

Students are required to purchase a Year 13 NCEA workbook, which helps reinforce and supplement the material covered during class time. This will cost approximately \$40.00. Where possible students are encouraged to BYOD to class as resources used in class are also available on-line.

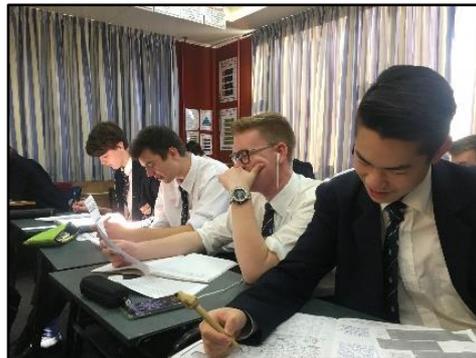
Where this qualification can lead, tertiary study and careers

Tertiary Study and Careers: To degrees such as Bachelor of Commerce or Arts. Polytechnic courses such as National Diploma in Business Studies or Management. Careers such as Valuer, Actuary, Lawyer, Economist, Sociologist, Teacher, Planner, Accountant, Statistician, Personnel Officer, Tertiary Lecturer, Banking, Insurance, Stockbroker, Agricultural Economist etc.

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English in 2018

For further information please see Mr Tagg
stewart.tagg@obhs.school.nz



NCEA Level 3 / Course code: 13ENG

Entry information

A minimum of 12 credits in Level 2 English, including either AS 91098 or AS 91100.

Outline of Courses

The aim of **13ENG** is to provide an interesting and challenging year for able students who are enjoy English and its various facets. The course focuses on the study of a wide range of English Literature with a broad range of styles and themes. Students will further develop skills in textual analysis, critical thinking and a wide range of writing styles.

The skills necessary to attempt the level 3 English examination are taught as part of this course,

Assessments resulting from the course learning

Students in **13ENG** will sit TWO external examinations, chosen from those listed over the page.

Students will also undertake THREE internal assessment tasks, listed over the page:

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NCEA Level 3 / Course code: 13ENG ... continued ...

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Respond critically to specified aspects of studied written text(s), supported by evidence	4	91472	External	Y	Y
Respond critically to significant aspects of studied visual or oral text(s), supported by evidence	4	91473	External	N	Y
Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	4	91474	External	Y	Y
Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	6	91475	Internal	N	Y
Develop an informed understanding of literature and/or language using critical texts	4	91479	Internal	Y	N
Respond critically to significant connections across texts, supported by evidence	4	91478	Internal	N	N
Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	91476	Internal	N	N

Course costs

Nil

Where this qualification can lead, tertiary study and careers

The skills taught in English are valued across a range of subjects and disciplines. Being that English teaches us to write accurately, to read carefully and to think critically, students who find success in this subject often find success widely.

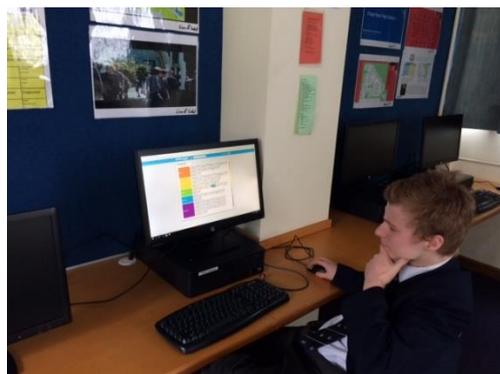
Various assessments in Level Three English count towards students' University Literacy requirements.

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French in 2018

For further information please see Mr Black
jim.black@obhs.school.nz



NCEA Level 3 / Course code: 13FRE

Entry information

Success at Level Two; you will have passed a balance of internals and externals; a minimum of 10 credits with five from an external.

Outline of Course

Level Three continues the themes of Level Two, adding an international awareness of issues. Relevant, topical issues for French speakers are discussed. There are a wide range of themes available, and the interest of the class determines which are selected.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Spoken presentation	3	91544	Internal	N	N
Writing	5	91547	Internal	N	N
Listening comprehension	5	91543	External	N	N
Reading comprehension	5	91546	External	N	N

Course costs

There is a workbook for Level Three at \$32, and a Language Perfect subscription of \$20.

Where this qualification can lead, tertiary study and careers

Any second language is an asset in an occupation involving speakers of another language. It will facilitate learning further languages. New Zealand universities offer and encourage a number of courses involving language study with other subjects. In some cases, credit for successful work at school is given when entering a course. Occupations which find second language competence useful include government departments (especially but not only the Ministry of Foreign Affairs and Trade), businesses involving trade, tourism, marketing, law and administration. There are educational opportunities in the francophone academic world, including Canada and Africa.

Bear in mind that competent second language student numbers are in decline, and your skills may well be in demand.

Vision: Best for Boys Through the Right Learning

Geography in 2018

For further information please see Iain Mitchell

iain.mitchell@obhs.school.nz



NCEA Level 3 / Course code: 13GEO

Entry information

A minimum of 12 Level 2 credits in Geography or 12 Level 2 credits in English (3 gained externally).

Outline of Course

The Level 3 course covers 2 main areas. They are

1. Natural Processes: A study of a geographic environment in New Zealand. We study coastal landscapes as our main process.
2. Cultural Processes: A study of a cultural process at work in both a New Zealand and overseas setting. We look at tourism.

The course builds on and develops geographic ideas, understandings, and skills such as fieldwork, research, local involvement (planning issues), resource gathering and presentation.

Assessments resulting from the course learning

Level 3 Geography has three internal assessment items worth a total of 11 credits. External assessment covers two achievement standards, worth a total of 8 credits

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment.	4	91426	External	Y	Y
Demonstrate understanding of how a cultural process shapes geographic environment(s).	4	91427	External	Y	Y
Demonstrate understanding of a given environment(s) through the selection and application of geographic concepts and skills.	4	91429	External	Y	Y
Conduct geographic research with consultation.	5	91430	Internal	N	N
Analyse aspects of a contemporary geographic issue.	3	91431	Internal	Y	N
Analyse aspects of a geographic topic at a global scale.	3	91432	Internal	N	N

Course costs

Nil

Where this qualification can lead, tertiary study and careers

Level 3 Geography prepares students for tertiary studies. It emphasises skills in report writing and information interpretation. Specifically, it provides the necessary background for degrees in the Arts and Sciences, as well as applied degrees such as in Resource Management, Parks and Recreation, Agriculture and Planning. Geography graduates find employment in such areas as Regional Councils, Government Advisory Units, Administration, Public Relations, Research, Tourism and Education.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

German in 2018

For further information please see Mr Black
jim.black@obhs.school.nz



NCEA Level 3 / Course code: 13GER

Entry information

You will need to have shown that you can cope with a higher level of this course with success in at least one each of your internal and external Level Two standards.

Outline of Course

As well as extending the language skills acquired in the Year 12 course, you will be able to discuss ideas, events, and issues, present arguments for and against, express your ideas imaginatively, understand and convey specific information, read a variety of material, including authentic texts, speak and write in German, showing some mastery of the language.

Additionally, you will gain an insight into the values and attitudes of German-speaking people. A wide variety of themes may be studied, including literary works and excerpts from the media. This course is currently offered by video conferencing.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Listening Comprehension	5	91548	External	N	N
Spoken Presentation	3	91549	Internal	N	N
Reading comprehension	5	91551	External	N	N
Writing a variety of texts	5	91552	Internal	N	N

Course costs

A workbook (\$32) and a Language Perfect subscription (\$20).

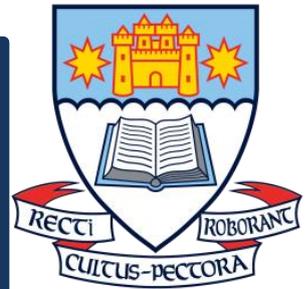
Where this qualification can lead, tertiary study and careers

To further study of German at university. In some cases, credit for successful work at school is given when entering a course. Language proficiency is also useful for jobs in government departments (especially but not only the Ministry of Foreign Affairs and Trade) as well as in businesses involving trade, tourism, marketing, law and administration

Vision: Best for Boys Through the Right Learning

Design Graphics in 2018

For further information please see Mr Dougherty
richard.dougherty@obhs.school.nz



NCEA Level 3 / Course code: 13DVC

Entry information

For a student to be able to attempt Level 3 Design Graphics he must have at least 15 credits (with passes in at least two of the external Achievement Standards) in Level 2 Graphics. Students with less than the required number of credits (and new to the subject) will only be considered for inclusion in the course by consultation with the Teacher in Charge.

Outline of Course

Design Graphics ('DVC' Design and Visual Communication Achievement Standards based) is a creative visual course where students will be using a wide variety of media and presentation techniques on Architectural and Product design briefs. Students will cover a variety of topics including design, problem solving and graphic communication. Freehand drawing is emphasized as a means of helping to solve design problems. We utilize 3D modelling software, 3D Printing of prototypes and craft model scale miniatures. Research skills, initiative, ingenuity and resourcefulness are also attributes a student will develop through his work.

This course builds on the skills learned in Level 2 NCEA Design Graphics.

Students will be expected to choose either a Spatial (Architectural) or Product (Functional Object) theme, which will be thoroughly researched and developed into a complex and well considered conceptual design using formal and creative presentation techniques. Independent learning and creativity are paramount to success. A large variety of media and presentation techniques will be used, tailored to the strengths of the student and the requirements of the design problems.

Level 3 Design Graphics has two units which are internally assessed and two which are externally assessed. Together these are worth a total of 22 credits towards the National Certificate of Educational Achievement. 6 of these credits are an option for extension.

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Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Assessment

Students will present one major developed design, it will contain the evidence required for the External portfolio achievement standards and also the internal equivalents. There is no exam in this subject. The external assessment requires the student to send complete units of work for external independent assessment. Inherent in these units should be evidence that the student can understand and use formal and informal drawing skills and has met all the requirements of the Achievement Standards in design development, demonstrating creativity through functional and aesthetic design decisions.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Produce working drawings to communicate production details for a complex design	6	91631	External	N	N
Initiate design ideas through exploration	4	91627	External	N	N
Resolve a spatial design through graphics practice	6	91629	Internal	N	N
Resolve a product design through graphics practice	6	91630	Internal	N	N
Develop a visual presentation that exhibits a design outcome to an audience.	6	91628	Internal	N	N

Course Costs

There is a small fee to cover the extensive equipment offered to the students. A wide variety of high quality pens, inks, paints & paper are used. There is also a department colour printer that is extensively used, a 3d printer, digital SLR camera, miniature modelling materials & equipment. The room is full of specialized equipment that allows for broad presentation techniques that caters to individual strengths and abilities.

Where this qualification can lead, tertiary study and careers

The Achievement standards offered count towards University entrance.

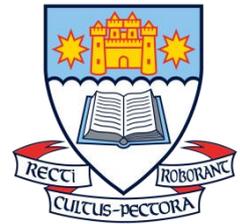
Vocations like Architecture, Product design & Graphic design (such as advertising, web site design) are directly linked pathways to Graphics-DVC (Design and Visual Communication), but being able to solve & present an idea visually is useful in all aspects of life.

Graphics is about communicating ideas visually (referred to as 'Visual Literacy'), it provides a wide range of learning skills and opportunities, which transfer to a wide range of occupations, or further vocational or tertiary education. Visual literacy is the broadest and most internationally used form of communication.

Vision: Best for Boys Through the Right Learning

History in 2018

For further information please see Ms Curtis wendy.curtis@obhs.school.nz



NCEA Level 3 / Course code: 13HIS

Entry information

A minimum of 12 Level 2 History credits including one of either AS 91231 or 91233. Students who wish to study History for the first time at Level 3 and who are confident English students, are very welcome. Please seek approval from Ms Curtis.

Outline of Course

The context of the course is Tudor and Stuart England 1558-1667, with emphasis on studies dealing with economic and social structures, behaviour and change, politics, government and revolution, religious and social values and beliefs. The emphasis is on research processes and in developing evaluation skills and appropriate communication methods, oral and written. At this level particularly, students will be introduced to the study of the nature of historiography and analysis of primary and secondary sources

Assessments resulting from the course learning

This is a full year course worth 31 credits. There are three internally assessed Achievement Standards worth 15 credits and three External Standards worth 16 credits

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Research an historical event or place	5	91434	internal	Y	N
Analyse an historical event or place	5	91435	internal	Y	N
Analyse evidence relating to an historical event or place	4	91436	external	Y	Y
Analyse different perspectives of a contested event	5	91437	internal	Y	N
Analyse causes and consequences of an event	6	91438	external	Y	Y
Analyse a significant historical trend	6	91439	external	Y	Y

Course costs

None

Where this qualification can lead, tertiary study and careers

Law, Teaching, Commerce and Business, Public Relations, the Police, the Armed Forces, Advertising, Library work, Tourism, Government Departments, Publishing, Broadcasting, Foreign Affairs, Social Work, as well as specific fields such as those of Archaeology, Museum Officer, Archivist or Research Officer. Many of our most successful students have gone into Science, Medicine and Engineering.

Vision: Best for Boys Through the Right Learning

Mathematics and Statistics in 2018

For further information regarding Mathematics and Statistics please see Miss Bedford hannah.bedford@obhs.school.nz, Mr Roe richard.roe@obhs.school.nz, or Mr Hooper mark.hooper@obhs.school.nz.



NCEA Level 3 / Course code: 13STAT

Entry information

A minimum of 14 NCEA Level 2 credits in Mathematics and Statistics, including Level 2 Inference (2.9) and Probability (2.12) at Merit or Excellence. It is also expected that students taking this course will have had their Level 2 Mathematics endorsed with Merit or Excellence.

Outline of Course

Statistics at Level 3 will aim to introduce students to the world of variability. Data varies from sample to sample. Conclusions can change from different samples and measuring this variation is a key component of Level 3 Statistics. From extending the idea of confidence intervals (which all of us are exposed to every day) through to higher level probability concepts, the course gives an excellent base for the study of 100 Level Statistics at University.

Assessments resulting from the course learning

Depending on the strengths of the class it is likely that the learning will allow the students to take all three external exams at the end of the year. In addition, 3 of the 4 listed internals will be taken to count towards this qualification.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Bivariate Data - Investigate bivariate measurement data	4	91581	Internal	N	N
Time Series - Determine the trend for time series data	4	91580	Internal	N	N
Statistical Inference - Use statistical methods to make a formal inference	4	91582	Internal	N	N
Experimental Design - Conduct an experiment to investigate a situation using experimental design principles	4	91583	Internal	N	N
Statistical Reports - Evaluate statistically based reports	4	91584	External	N	Y
Probability - Apply probability concepts in solving problems	4	91585	External	N	N
Probability Distributions - Use probability distribution models to solve straightforward problems	4	91586	External	N	N

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Course costs

\$20 for write-on booklets supplied by the Mathematics and Statistics Department.
A graphics calculator, costing approximately \$120.

Where this qualification can lead, tertiary study and careers

Good statistics graduates are in high demand as the necessity to process, analyse and interpret the huge amounts of data generated by modern technology continues to grow unabated. Every industry, government department and research institute needs good statisticians. If you have passion, there will be data and a need for your statistics skills.

NCEA Level 3 / Course code: 13CALC

Entry information

A minimum of 14 NCEA Level 2 credits in Mathematics and Statistics, including Level 2 Algebra (2.6) and Calculus (2.7). It is also expected that students taking this course will have had their Level 2 Mathematics and Statistics endorsed with Merit or Excellence.

Outline of Course

This course is a demanding course that is highly algebraic and theoretical. Topics covered include Differentiation, Integration, Algebra (Complex Numbers), and Trigonometry.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Trigonometry - Apply trigonometric methods in solving problems	4	91575	Internal	N	N
Complex Numbers - Apply the algebra of complex numbers in solving problems	5	91577	External	N	N
Differentiation - Apply differentiation methods in solving problems	6	91578	External	N	N
Integration - Apply integration methods in solving problems	6	91579	External	N	N
Systems of Equations - Apply systems of simultaneous equations in solving problems	3	91587	Internal	N	N

Course costs

\$20 for write-on booklets supplied by the Mathematics and Statistics Department.
A graphics calculator, costing approximately \$120.

Where this qualification can lead, tertiary study and careers

Mathematics with Calculus provides essential skills and concepts to lead into further study in mathematics, the physical sciences, engineering, and high level commerce.

Vision: Best for Boys Through the Right Learning

NCEA Level 3 / Course code: 13MAT

Entry information

A minimum of 12 NCEA Level 2 credits in Mathematics and Statistics.

Outline of Course

This course involves learning across a wide range of mathematical concepts and skills. It introduces students to the world of variability, from sample to sample. It is mostly assessed by internal written reports, with one NCEA external assessment.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Linear Programming - Apply linear programming methods in solving problems	2	91574	Internal	N	N
Critical Paths - Use critical path analysis in solving problems	2	91576	Internal	N	N
Bivariate Data - Investigate bivariate measurement data	4	91581	Internal	N	N
Experiments - Conduct an experiment to investigate a situation using experimental design principles	4	91583	Internal	N	N
Systems of Equations - Apply systems of simultaneous equations in solving problems	2	91587	Internal	N	N
Statistical Reports - Evaluate statistically based reports	4	91584	External	N	Y

Course costs

\$20 for write-on booklets supplied by the Mathematics and Statistics Department.
A graphics calculator, costing approximately \$120.

Where this qualification can lead, tertiary study and careers

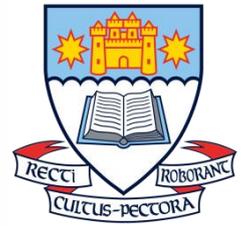
This course provides a base understanding across a wide range of mathematics and statistics, proving beneficial in many career paths.

Vision: Best for Boys Through the Right Learning

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Media Studies

For further information please see Mr Gabbusch.
tony.gabbusch@obhs.school.nz



NCEA Level 3 / Course code: 13MST

Entry information.

A minimum of 12 credits in NCEA Level 2 English, including AS 90379 (2.5) Analyse a Visual or Oral Text & AS 90380 (2.6) Read unfamiliar texts and analyse the ideas and language features, **OR** NCEA Level 2 Media Studies, including AS 91249 and AS 91251.

Outline Of Course.

This is a full year course worth 21 credits. It aims to develop the understanding of the mass media. The course examines the content and production of news, radio, television, and film media. It develops critical skills of interpretation and analysis. There is also a practical component where students create their own media product. The production focus at this level is visual media.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Demonstrate understanding of a an aspect of a media industry	4	91490	External	Y	Y
Demonstrate understanding of the meaning of a media text through different readings	3	91491	Internal	N	N
Demonstrate understanding of a relationship between a media genre and society	4	91493	External	Y	Y
Produce a design for a media product that meets the requirements of a brief	4	91494	Internal	N	N
Produce a media product that meets the requirements of a brief	6	91495	Internal	N	N

Course costs

You are required to purchase a large size scrapbook for draft work.
 Each student will need to supply an 8 Gigabyte class 10 SDHC card for storing their own video files.
 A laptop is the preferred BYOD IT device, as it allows you to edit audio, photographs, video, etc. effectively.

Where this qualification can lead, tertiary study and careers

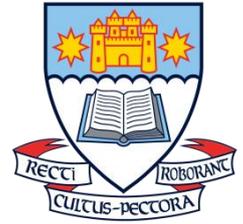
Tertiary studies in media and media production at either university or polytechnic, journalism, or public relations and other creative industries.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Technology Metal in 2018

For further information please see Mr Odgers, HOD and/or Mr Densem, TIC.
greg.densem@obhs.school.nz



NCEA Level 3 / Course code: 13WTM

Entry information

Level 2 Workshop Technology Metal with 14 credits gained minimum for automatic course acceptance. Students without the prior experience are welcome if they have good intentions and a desire to achieve quality results. These boys will need to consult with the 'Teacher in charge' and may be accepted on a trial basis to ensure commitment to achievement.

Outline of Course

Workshop Technology Metal is a course which comprises both Unit and Achievement Standards that offer credits towards NCEA level 3. More Achievement Standard credits can be included if you want to achieve UE. You are assessed on the research, development and construction of two projects, one major project and an optional minor project. The student has a large amount of freedom as to the nature of the projects, this needs to be negotiated with the teacher in charge but the options are almost limitless. The course will encompass computer research & development, sketching, scales modelling, client interviews, product design & development, construction techniques and application. The intent of the course is to provide the opportunity to express your creativeness and expand your practical skills through producing a well-designed and completed solution to a client's requirements that can be taken home, sold or gifted to the intended recipient. Steel is a required component in your projects but other materials are encouraged. Wood, plastics, glass, fabric (upholstery), casting (aluminium), and any material can be considered appropriate. Many different practical skills will be taught throughout the year, such as sheet metal fabrication, mig welding, gas welding, brazing, various cutting and joining techniques, upholstery, finishing/painting milling and Lathing.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Assessments resulting from the course learning

Work for Unit Standard and Achievement is assessed by the teacher, with the results being moderated externally to ensure that those who achieve are of a national standard.

Topic of learning	Credits	Achievement/ Unit standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Develop a prototype considering fitness for purpose in the broadest sense.	6	91611	Internal	N	N
Demonstrate understanding of a complex machine.	3	91625	Internal	N	N
Demonstrate knowledge of the composition of common engineering materials.	5	4797	Internal	N	N
Interpret mechanical engineering drawings.	5	21910	Internal	N	N

Course costs

A base fee of \$90 is included in the school fees to cover the cost of “standard” metal and other consumable items such as paints, abrasives, gases and welding supplies etc.

Additional items such as hinges, handles, catches, timber, upholstery and any other special components must be sourced and supplied by the student.

Where this qualification can lead, tertiary study and careers

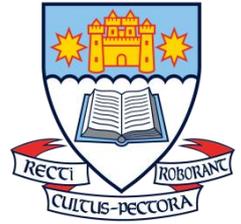
The skills gathered can be applied to many potential occupations such as Fabrication, refrigeration and air conditioning, general engineering, tool making, gun smithing, fitting and machining, maintenance engineering, lock smithing.

It is also a good launching pad for tertiary study (especially design or Engineering).

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Music in 2018

For further information please see Mr Hanson
konrad.hanson@obhs.school.nz



NCEA Level 3 / Course code: 13MUS

Entry information

The successful completion of Level 1 (and/or 2) Music. It is recommended students are having instrumental tuition, and knowledge of grade 5 or 6 theory is an advantage.

Course costs

Purchase/Hire of Instrument/Tuition Fees as applicable

Outline of Course

The course offers several choices of achievement standards in creating, understanding, and performing music. Students will finish the course with a body of work they have created and/or performed, and give them the necessary skills to take music further into tertiary study.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Assessments resulting from the course learning

With more substantial portfolio work, there are three core assessments in the course, but with many choices to create a course that is suited to each student.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Perform two programmes of music as a featured soloist	8	91416	Internal	N	N
Communicate musical intention by composing three original pieces of music	8	91419	Internal	N	N
Integrate aural skills into written representation	4	91420	External	N	N

NCEA Level 3 / Course code: 13MUS ... continued ...

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Perform a programme of music as a featured soloist on a second instrument	4	91417	Internal	N	N
Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group.	4	91418	Internal	N	N
Demonstrate understanding of harmonic and tonal conventions in a range of music scores.	4	91421	External	N	N
Create two arrangements for an ensemble	4	91424	Internal	N	N
Research a music topic	6	91425	Internal	Y	N

Where this qualification can lead, tertiary study and careers

Tertiary Study in Music – Performance, Composition, Musicology, Music Teacher Training

For Information regarding vocational pathways, check with your Careers Advisor re any of the following -

Advertising, Arts Administrator, Arts Journalist, Film and TV, Music Therapist, Musical Instrument Maker, Musician (Classical, Rock, Instrumentalist/Singer), Piano / Organ tuner, Sound technician, Teacher...

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Physical Education in 2018

For further information please see Mr McGarry
mike.mcgarry@obhs.school.nz



NCEA Level 3 / Course code: 13PED

Entry information

14 Level 2 Physical Education credits including Merit in AS 2.5.

Outline of Course

This 23 credit course is practically based with an emphasis on the social development of the student and the positive effect that exercise can have on their lifestyle and well-being. Students will complete the compulsory 14 credits in term 1 and 2 and then continue with the UE course or complete CANZ coaching qualifications during their course time.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Compulsory					
Evaluate the effectiveness of a performance improvement programme for a triathlon	4	91500	Internal	N	N
Performance of a triathlon against a national standard	4	91501	Internal	N	N
Analyse issues in safety management for outdoor activity to devise safety management	3	91504	Internal	N	N
Examine a current issue impacting on NZ society	4	91502	Internal	Y	N
Optional					
Analyse a physical skill performed by self or others	3	91499	Internal	N	N
Evaluate the use of health promotion to influence participation in physical activity	5	91503	Internal	N	N

Course costs

None

Where this qualification can lead, tertiary study and careers

Externally into courses for the health and fitness industry.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

SPORT

NCEA Level 3 / Course code: 13SPT

Entry information

None



Outline of Course

This course is practically based with an emphasis on player performance by building an environment “off the field” which enhances players’ “on-field” performance. The course will use sport as a context to develop life skills for success.

Specifically the intention is for the students involved to further develop self-discipline, team work, individual responsibility, having exposure to competitive situations, making appropriate lifestyle choices and to enhance their levels of personal fitness through personal training. The course will also focus on the social development of the student and the positive effect that exercise can have on their lifestyle and well-being. The students will participate in a range of physical activities related to the fitness systems in their selected sport.

Assessments resulting from the course learning

Offered on an individual needs basis

- Hospitality Course (8 credits – 4 at level 3, 4 at level 2)
- First Aid (4 credits – 1 at level 1, 1 at level 2, 2 at level 3)

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Performance of a sport against a national standard	4	91501	Internal	N	N
Analyse issues in safety management for outdoor activity to devise safety management	3	91504	Internal	N	N

Course costs

None

Where this qualification can lead

Externally into courses for the health and fitness industry.

Vision: Best for Boys Through the Right Learning

OUTDOOR EDUCATION

NCEA Level 3 / Course code: 13ODR

Entry information

None

Outline of Course

The course will be based in and around the local Dunedin area as well as involve some trips. There will be a focus on theory and practical work with an emphasis on risk management, planning and evaluation of activities. This course will involve extra cost as it will require the use of specialised instruction, transport and time away. Activities may include first aid, tramping, rock climbing, snow caving, diving, surfing, surf lifesaving, mountain biking, ice hockey, and windsurfing. Assessment details are based upon student interest.



Activities Include

Surfing
First Aid
Dunedin Journey (Ride, tramp, Kayak, Ride)
SLS
Silver Peaks Tramp
Mt. Biking
Ski Snow Cave
Windsurfing

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Devise Strategies for a physical activity outcome	4	91789	Internal	N	N
Snow Caving performance against a national standard	4	91501	Internal	N	N
Analyse issues in safety management for the snow caving activity	3	91504	Internal	N	N

Course costs

There will be costs associated with this course. These are estimated at \$1200 but will vary depending on the practical options taken.

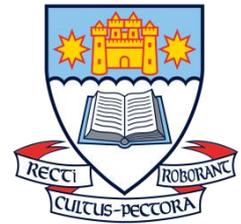
Where this qualification can lead

Into courses for the health, fitness and outdoor adventure industry. Students are encouraged to go on to the two year Outdoor Leaders programme through the Otago Polytechnic.

Vision: Best for Boys Through the Right Learning

Physics in 2018

For further information please see Mrs Rabbidge
mary.rabbidge@obhs.school.nz



NCEA Level 3 / Course code: 13PHY

Entry information

Students are required to have at least Achieved grades in the Level 2 Mechanics and Atomic Physics standards. They will also need sound algebra and calculus skills.

Outline of Course

Year 13 Physics serves as preparation for the real world of physics. Students will heighten their understanding of Year 12 Physics by investigating realistic situations in mechanics and examining the physics of music and lasers. Students will also question their perception of reality through studying major advances in modern physics and learn how to critically analyse current physics issues in society. This course is well-suited to those students planning to continue with Physics or engineering at university and is also valuable for any student considering the Health Sciences First Year course.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Physics of a socio-scientific issue	3	91527	Internal	N	N
Forces, energy and motion for complex systems	6	91524	External	N	N
Advances in modern Physics	3	91525	Internal	N	N
Research project on an application of electricity	3	91522	Internal	N	N
Behaviour of sound and light waves	4	91523	External	N	N

Course costs

Students are required to purchase a workbook for this course at a cost of \$20-30.

Where this qualification can lead, tertiary study and careers

Year 13 Physics opens the door to many tertiary qualifications, including University Physics, Health Sciences First Year course, Engineering, Computer Science, Electronics, Energy Studies, Surveying, Geology and Design. It can also provide exemptions for some Polytechnic courses.

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Te Reo Maori in 2018

For further information please see Mr Matehaere
brent.matehaere@obhs.school.nz



NCEA Level 3 / Course code: 13MAO

Entry information

A minimum of eighteen credits in NCEA Level Two Te Reo Māori.

Outline of Course

In this course students develop the skills to understand details of familiar and unfamiliar text using Whakarongo, and Panui, and expressing them using both Tuhituhi and Korero. The topics for this course change each year. Some examples of possible topics are the revitalisation of Te reo Rangatira/te reo Maori, Te Tiriti o Waitangi, he purakau no nehera, waiata/haka, and whakatauki. The course aims to further develop what has been previously learnt.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Whakarongo kia mōhio ki te reo Māori o te ao whānui	4	91650	Internal	N	N
Kōrero kia whakamahi i te reo Māori o te ao whānui	6	91650	Internal	N	N
Pānui kia mōhio ki te reo Māori o te ao whānui	6	91650	External	Y	N
Tuhi i te reo Māori o te ao whānui	6	91650	External	N	Y
Waihanga tuhinga whai take i te reo Māori o te ao whānui	6	91650	Internal	N	Y

Course costs

None

Where this qualification can lead, tertiary study and careers

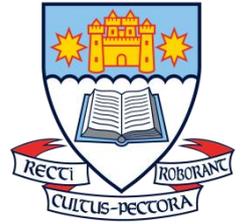
University or other tertiary education and beyond. An ability to speak and understand the Māori language is a desirable skill in many employment areas, especially those that work with Māori or require employees who have a cross-cultural awareness. Possible careers include Maori language teacher, health professional, educator, journalist, broadcaster, professional in a government department, historian, lecturer, librarian, teacher, lawyer, police officer, tourism operator, curator, actor, advertising, anthropologist, and archivist.

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Technology Wood in 2018

For further information please see Mr Odgers
peter.odgers@obhs.school.nz



NCEA Level 3 / Course code: 13WTW

Entry information

It is **essential** to have completed a Level 1 Wood Technology course with at least 14 credits and preferably a Level 2 Wood Technology course as these provide the foundation for the Level 3 course.

Outline of Course

This course is similar to the Level 2 Wood Technology course, but at a more advanced level. Students are expected to have a good knowledge of design and construction techniques and should be attempting challenging, well designed projects. Bigger does not mean better or more credits. Independence and self-motivation are important criteria for success at this level. Wood Technology is a workshop based course with the majority of time spent doing practical work. The emphasis is mainly on developing practical skills and confidence through the construction of a **challenging**, major project. While the majority of the work will be of a practical nature, students need to understand that a certain amount of theory and design work has to be completed in a classroom setting. The course is made up of both ITO Unit Standards and Achievement Standards. *Additional Achievement Standards are available to any student wanting to gain University Entrance in Technology.* Scholarship in Technology is also available.

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Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards UE reading	Counts towards UE writing
Implement complex procedures to integrate parts using resistant materials to make a specified product	6	A/S 91620	Internal	N	N
Brief Development	4	A/S 91608	Internal	N	N
Knowledge of hardware in furniture making	3	U/S 25572	Internal	N	N
Operate a dovetailing machine to dovetail wooden drawers	2	U/S 9792	Internal	N	N
Assemble and fit traditional drawers to a cabinet using wooden runners	4	U/S 25557	Internal	N	N
Fit doors to a cabinet using adjustable hinges	3	U/S 25562	Internal	N	N

Course costs

The cost for this course is set at \$35 which covers the cost of screws, glue, sandpaper, MDF etc. Due to the different projects that are made, students are responsible for supplying their own timber. Timber can be ordered for a student but at his own expense. Items such as handles, slides, catches and hinges are also to be purchased by the student.

Where this qualification can lead, tertiary study and careers

The skills learned are not specific to any one vocation and can lead to many areas – from apprenticeships to higher vocational and tertiary education. The subject is recommended for any vocation which requires a good level of hand-eye co-ordination. If it is not used as a career it provides valuable skills for the home handy man.

Information regarding vocational pathways

This course will be beneficial to any student undertaking a university course which has a practical or design component e.g. engineering, dentistry. It will also be invaluable for students wanting to enter any trade e.g. Building and construction, flooring, electrical.

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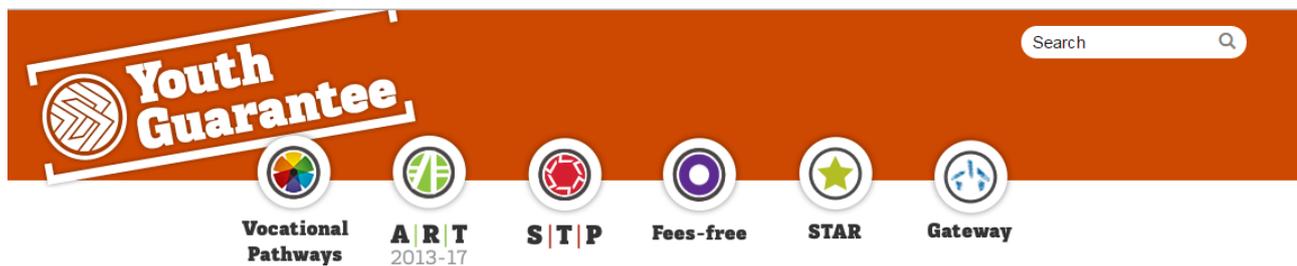
Notes, questions I may have for teachers/deans

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Highly recommended websites

<http://www.youthguarantee.net.nz/start-your-journey/>



Youth Guarantee initiatives are about improving the transition from school to further study, work or training. They provide a wider range of learning opportunities, make better use of the education network, and clarify pathways from school.

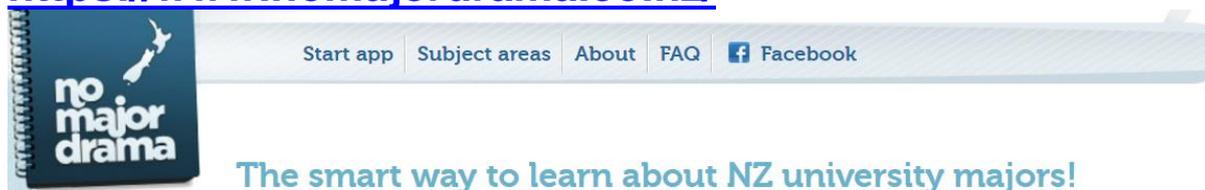
About



STUDENTS KEY INFO.

GET QUALS & SKILLS VALUED BY EMPLOYERS

<https://www.nomajordrama.co.nz/>

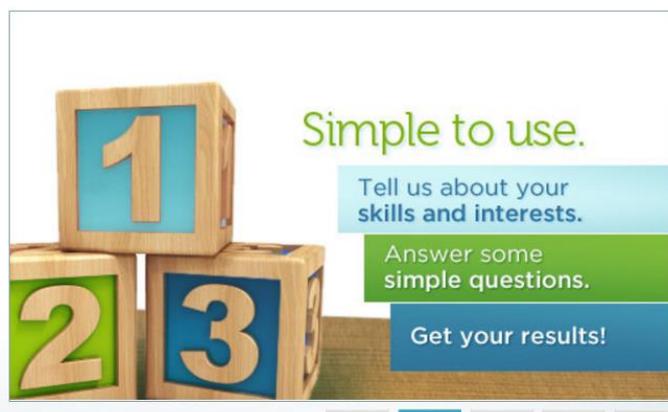


Create your own ranking of major subject areas? based on your skills and interests.

get started

Or browse subject areas in alphabetical order.

browse subject areas



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<http://www.careers.govt.nz/>



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