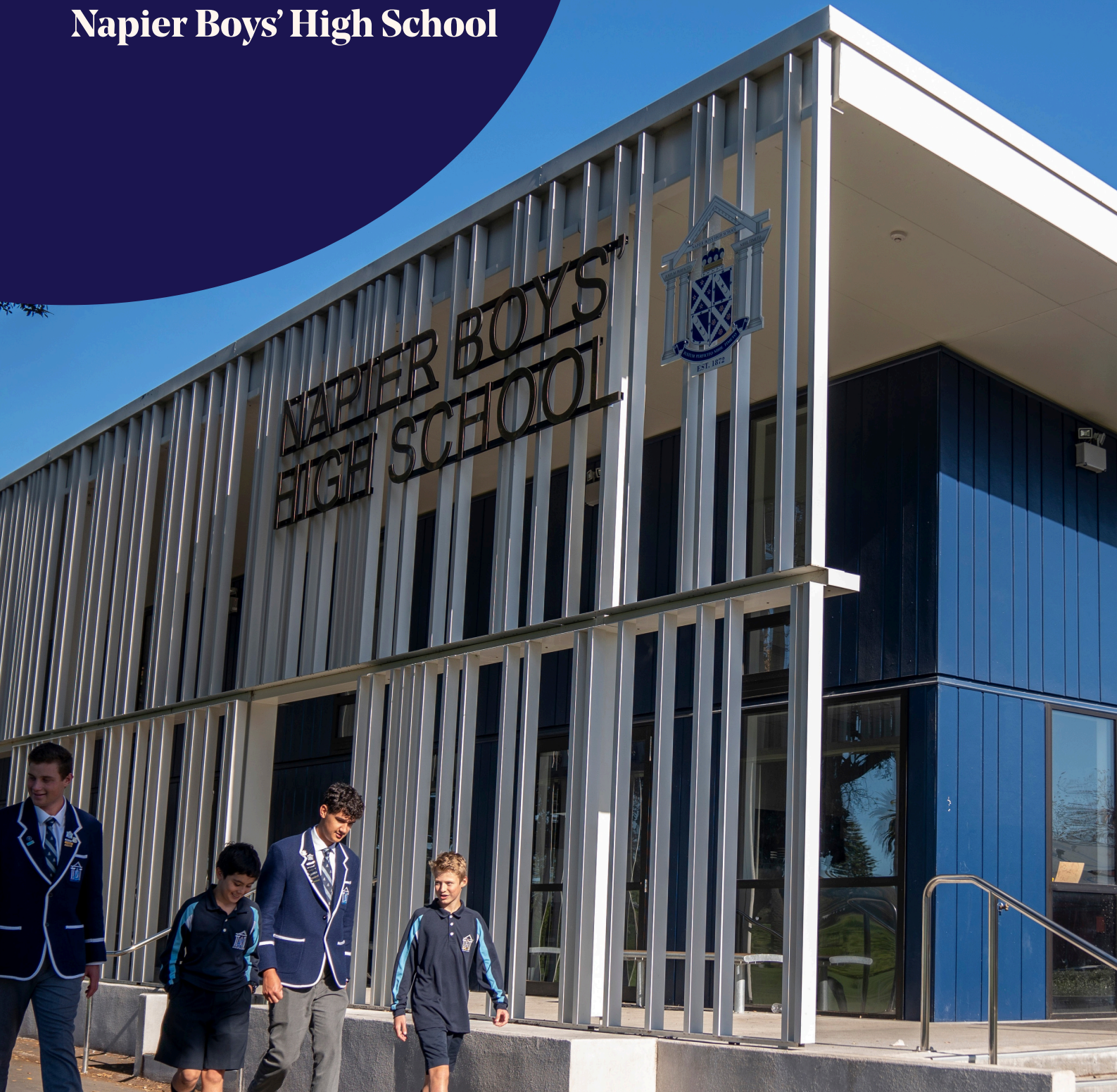




Napier Boys' High School



COURSE SELECTION GUIDE

For Years 10 to 13 students at Napier Boys' High School

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INTRODUCTION

This guidebook is a starting point for Year 9 - 12 students to build an academic programme that suits them. Students are encouraged to make 'informed decisions'. This means speaking with a variety of different 'voices' before making their course selection. This includes parents, whānau, teachers, Deans, Careers Department, and of course, people in the related industries. The intention is to build a programme of study that meets the student's future needs, whether they have an intended career pathway or are wanting to give themselves a variety of options. For Seniors, we have grouped subjects into their NCEA level.

At NCEA Level 1 (Year 11):

1. Students have compulsory English
2. Students have compulsory Mathematics
3. Students have compulsory Science
4. Students select THREE other subjects.

At NCEA Level 2 (Year 12):

1. Students select a compulsory English course
2. Students select FIVE other subjects

At NCEA Level 3 (Year 13):

1. Students select FIVE subjects
2. If students intend going to university, it is important they check and understand the requirements for University Entrance.

*Please note: Some courses may not run due to low class numbers.

NCEA: THE BASICS

The National Certificate in Educational Achievement (NCEA) is the main qualification in NZ schools. In each subject, skills and knowledge are assessed against several standards, Achievement or Unit Standards. When a student achieves a standard, they gain credits. Students must achieve a certain number of credits to gain an NCEA certificate. Standards will be internally assessed, or externally via national examinations or moderation.

LEVEL 1

60 credits at Level 1 or above

LEVEL 2

60 credits at Level 2 or above

LEVEL 3

60 credits at Level 3 or above

From 2024, to be awarded any level of NCEA, learners will need to achieve a 20 credit co-requisite, that assesses their literacy and numeracy skills

Endorsement

When students perform consistently above the 'Achieved' level, their result(s) can be 'endorsed' to reflect that high achievement. This can occur at either the certificate or individual course level.

Certificate Endorsement

For an NCEA certificate to be endorsed with Excellence, a student must gain 50 credits at Excellence at the level of the certificate or above. So, if a student has 50 Level 1 credits at Excellence, their Level 1 certificate will be endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence) at Level 1, their NCEA Level 1 certificate will be endorsed with Merit. Endorsement awards show on their Record of Achievement.

Course Endorsement

Course endorsement provides recognition for a student who has performed exceptionally well in an individual course. Students will gain an endorsement for a course if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence, and 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.

UNIVERSITY ENTRANCE

Students must have:

NCEA Level 3 certificate. This includes a minimum of 14 credits at Level 3 or higher in each of the three university approved subjects.

NCEA Level 1 Numeracy a minimum of 10 credits at Level 2 or higher in University Entrance Literacy approved standards. 5 credits must be in Reading and 5 credits must be in Writing. Some University courses have much stricter requirements than just University Entrance and require students to reach a Guaranteed Entry Score to gain a place in the course they wish to study. Students need to check with the Careers Department regarding the exact requirements for the tertiary course they wish to take.

*You can find more information related to University Entrance and Literacy and Numeracy requirements at www.nzqa.govt.nz

ALTERNATIVE COURSES OF STUDY

Gateway

Gateway - Te Tomokanga builds links between school and business and allows schools to offer workplace learning opportunities. The Programme develops students' vocational skills while still at school. They will be able to get first-hand experience of what it is like in the workforce and begin the qualifications needed in 'today's job market'. Students involved in NCEA Levels 2 and 3 can pursue these qualifications whilst beginning a trade or career specific qualification.

They may be registered with the appropriate Industry Training Organisation (ITO) to begin their workplace training. Students are encouraged to find their own placement. Students are in a training situation and are not paid while on Gateway placement. Students chosen for the programme need to be committed to it. They will become full members of an organisation's workplace and will be treated much the same as any other employee and follow the school rules as applicable to students outside the classroom.

There are limited Gateway places. Students need to apply and go through an interview process. Selection will be via a panel.

Trades Academy

Trades Academy assists Level 2 and 3 students along the career highway towards a vocational qualification while still at school. Students can remain engaged in education, be assisted in transition from a secondary to tertiary learning environment, and gain credits towards NCEA Level 2 and a tertiary qualification. The Academy is a partnership between secondary schools, EIT and Industry.

Entry Requirements:

- Studying at Levels 2 and 3
- Have completed at least 80 credits at NCEA Level 1 - including Literacy and Numeracy
- Have a genuine interest in a particular career area
- Gain approval from your school and parents/guardians
- Attend an interview and create a personal education plan
- Be motivated to succeed.

STAR

STAR is the Secondary Tertiary Alignment Resource which allows some students to participate in courses provided by tertiary institutions such as University of Canterbury. As STAR courses are done in addition to the normal school subjects. The decision about which programmes run is made based on student demand and funding. Historically, this programme has been tagged to the Accelerate students. However, other programmes of study – like aviation – are accessible. Students interested in this type of programme should discuss this with the Senior Master: Curriculum.

*Year 12 students wanting to enrol in one of the above courses must select this as their 'seventh' subject selection. Year 13 students must select it as their 'sixth' subject.

GETTING INTO UNIVERSITY IN NZ

UNIVERSITY ENTRANCE (UE) IS THE MINIMUM REQUIREMENT TO GO TO A NZ UNIVERSITY

80 credits, including at least 60 credits at level 3 or above. Can include up to 20 credits at Level 2

+

14 Credits in three different approved Level 3 subjects

+

University Entrance: 5 credits in reading and 5 credits in writing

+

Level 1 Numeracy









UNIVERSITY ENTRANCE SUBJECTS AT NAPIER BOYS' HIGH SCHOOL: 14+ APPROVED CREDITS

Accounting
Agricultural Science
Art
Biology
Chemistry
Classical Studies
Digital Information Technology
Earth and Space Science
Economics
English

Geography
Graphics
History
Japanese
Mathematics with Calculus
Mathematics with Statistics
Music
Physical Education
Physics
Te Reo Māori

UNIVERSITY SPECIFIC REQUIREMENTS (IN ADDITION TO UNIVERSITY ENTRANCE)

Some programmes have additional requirements such as specific subjects, an interview, audition, portfolio and/or references

| | | | |
|---|--|---|---|
|  |  |  |  |
| THE UNIVERSITY OF AUCKLAND | AUCKLAND UNIVERSITY OF TECHNOLOGY | UNIVERSITY OF WAIKATO | MASSEY UNIVERSITY |
| <ul style="list-style-type: none"> A specific Rank Score. Check their website for specific entry requirements for your chosen programme. Refer to the website for details on Table A and/or Table B subjects. | <ul style="list-style-type: none"> A specific Rank Score is required for a Bachelor of: Engineering & Health Sciences Check their website for specific entry requirements for your chosen programme. | <ul style="list-style-type: none"> Check their website for specific entry requirements for your chosen programme. | <ul style="list-style-type: none"> Check their website for specific entry requirements for your chosen programme. |
|  |  |  |  |
| VICTORIA UNIVERSITY OF WELLINGTON | LINCOLN UNIVERSITY | UNIVERSITY OF CANTERBURY | UNIVERSITY OF OTAGO |
| <ul style="list-style-type: none"> A Rank Score of 150+. Check their website for specific entry requirements for your chosen programme. | <ul style="list-style-type: none"> A Rank Score of 150+. Check their website for specific entry requirements for your chosen programme. | <ul style="list-style-type: none"> An additional application form is required for a Bachelor of: Engineering with Honours, Fine Arts, Music, Performance course, Speech and Language Pathology Check their website for specific entry requirements for your chosen programme. | <ul style="list-style-type: none"> A Rank Score of 140+. Check their website for specific entry requirements for your chosen programme. |

COURSE OVERVIEW

Courses in **YELLOW** are compulsory

| Year 9 | Year 10 | Year 11 | Year 12 | Year 13 |
|--|--|--|---|---|
| English | English | English Or Vocational English | English Or Vocational English | English Or Vocational English |
| Mathematics | Mathematics or Mathematics (Enrichment) | Mathematics or Alternative Mathematics | Mathematics 201 Mathematics 202 | Mathematics with Calculus Mathematics with Statistics Mathematics 303 |
| Science | Science or Science (Enrichment) | Science or Alternative Science | General Science Biology Chemistry Earth & Space Science Physics | Biology Chemistry Earth & Space Science Physics |
| Social Studies | Social Studies or History (Enrichment) Geography (Enrichment) | History Geography | History Geography Classical Studies Tourism | History Geography Classical Studies Tourism |
| Physical Education Athlete Development Programme | Physical Education Athlete Development Programme | Physical Education Performance PE | Physical Education Performance PE | Physical Education Performance PE |
| Agriculture | Agriculture | Agriculture / Horticulture | Agriculture / Horticulture Practical Agriculture | Agriculture / Horticulture |
| Business Studies | Business Studies | Commerce | Economics Accounting | Economics Accounting |
| Computing E-Sports Creator | E-Sports Designer | Digital Information Technology | Digital Information Technology | Digital Information Technology |
| Visual Art | Painting and Sculpture Drawing and Design Toi Māori | Visual Art | Art -Painting & Sculpture Art Design | Art -Painting & Sculpture Art Design |
| Music | Music | Music Spanish Japanese | Music | Music |
| Spanish Japanese | Spanish Japanese | Te Reo Māori Tikanga Māori | Spanish Japanese | Japanese |
| Tikanga Māori Māori Studies | Maori Studies | | Te Reo Māori Tikanga Māori | Te Reo Māori Tikanga Māori |
| Graphics: Design & Visual Communication Technical Drawing | Graphics: Design & Visual Communication | Graphics: Design & Visual Communication | Graphics: Design & Visual Communication | Graphics: Design & Visual Communication |
| Technology: Woodwork Engineering Combined | Technology: Woodwork Engineering Combined | Technology: Woodwork Engineering Combined | Technology: Woodwork Engineering Combined Computer Technician | Technology: Woodwork Engineering Combined |
| Podcasting | Media and Advertising | | | |
| | | | Trades with EIT | Trades with EIT |
| | | | Gateway | |
| Food Technology | Food Technology | Hospitality | Hospitality | Hospitality |
| | | | Te Kura Correspondence School | Te Kura Correspondence School |

Note: all courses are subject to sufficient student numbers and available staffing. The range of courses may change year to year

YEAR 10 COURSES

Compulsory Courses

All Year 10 students study the following compulsory courses English, Mathematics, Science Physical Education / Health and Social Sciences.

Elective / Optional Courses

Students must choose FOUR optional courses. Students can choose up to TWO Hard Technology subjects and up to TWO Art courses.

| | |
|---|---------------------------------|
| Agriculture/Horticulture | Māori Studies |
| Art- Painting and Sculpture | Music |
| Art- Drawing and Design | Media and Advertising |
| Art- Toi Maori | Spanish |
| Athlete Development Programme | E-Sports Designer |
| Business Studies | Technology - Engineering |
| Food Technology | Technology - Combined Materials |
| Graphics: Design & Visual Communication | Technology - Woodwork |
| Japanese | |

AGRICULTURE & HORTICULTURE

Course Content

Initially the students study plant production and soils to give a foundation of knowledge that can then be applied to other agricultural production systems. The school's tunnel-house and gardens are used to give the students a practical understanding of these topics.

Students will then study different components of primary production within NZ:

- Land use: land types, infrastructure, inputs
- Pests and Weeds: identification, control methods
- Pasture and cropping: establishment, maximising growth and harvesting efficiency
- Farming systems: sheep & beef, dairying and horticulture

We aim to keep the course flexible and dynamic and will often include relevant topics that are currently affecting NZ farmers. The students visit farms to gain valuable hands-on experience of practical farm work - docking and fencing - to bring relevance and give real world application to the classroom theory. The field trip to Stortford Lodge sale yards is always a popular and informative experience.

ART- PAINTING AND SCULPTURE

Course Content

This course falls under the Visual Arts and will focus on painting techniques and a visual language that can be transferred from 2D to 3D. Artist models will be used to help establish ideas for composition, approach to a subject and creative use of media.

- Painting skills and techniques
- Pop Art and Popular Culture
- Sculpture – Changing the function of an object, using found objects to create 3D outcomes.
- Who am I? Looking at where we are from and the art work that surrounds us locally. Using these ideas to influence a final painting

ART- DRAWING AND DESIGN

Course Content

The Drawing and Design course falls under the Visual Arts and involves developing ideas supported by the study of artist's works with a strong focus on Design principles. Students will explore and apply knowledge of available software and drawing applications.

- Drawing Skills – Building on skills from Y9
- Text and Image – How images are used to highlight text
- Composition - Contrast, repetition, emphasis and unity
- Introduction to Design elements – Logos and promotional materials
- Photo Manipulation – Using Adobe where available and free software applications.

ART- TOI MĀORI

Course Content

In studying Toi Māori, akōnga can draw from and develop their own culture, personal experiences, and skills. The intention is to make connections with and build upon the Tikanga curriculum in Year 9 that all students have undertaken. The focus will include traditional art-making practice such as raranga and whakairo, and how this can transfer into contemporary practice such as digital rendering. Teaching and learning will be based on:

- Whakairo carving design
- Raranga
- Kōwhaiwhai
- Typography
- Large scale paint or print works.

ATHLETE DEVELOPMENT PROGRAMME

Course Content

The Napier Boys' High Athlete Development Programme is a high-performance programme aimed at developing athletes to reach the top of their respective sports. The programme philosophy matches the school's philosophy that students must be committed to their academic studies as their main priority. A strong work ethic is critical to both the academic and sporting success of students. Content covered by the programme includes:

- Sports Nutrition
- Specialist skill training
- Goal setting
- Time management
- Fitness testing
- Training methods
- Skill development
- Measuring improvement
- Sports psychology
- Coaching
- Dealing with success and failure
- Sports leadership
- Team and individual philosophy

Students that are interested in the programme should select this as their fourth option. They will then be asked to complete an application form. Selection is not limited to pure sporting ability. Students must display academic effort and focus in all areas of school life. Selection for the programme will be by a panel. Students will be notified of entry in Term 4.

*Students wanting to enrol in the Athlete Development Programme must select this as their 'fifth' subject selection.

BUSINESS STUDIES

Course Content

Year 10 Business Studies is a half year option subject that combines Economic and Accounting concepts to give students a foundational level of financial literacy.

This course will cover the following units of learning:

- Scarcity: The Economic Problem
- The Consumer and Producer Sector
- Demand and Supply
- Household Budgeting
- Income/Taxation
- Saving
- Borrowing
- Basic Accounting

FOOD TECHNOLOGY

Course Content:

The Year 10 course extends the healthy lifestyle of the Year 9 option. The course includes study of food safety, teen nutrition, meal planning and world cultural perspectives on food. The course challenges students to explore the technological process involved in food design, including designing a hamburger and ice-cream. Students will demonstrate a range of culinary skills and gain confidence in safe food handling. One lesson in each cycle will be devoted to practical work.

E-SPORTS DESIGNER

Course Content:

Get ready to embark on an exhilarating journey into the dynamic game design and development world with our Year 10 Digital Technologies - e-Sports Designer course! Prepare to unleash your creativity as you delve into green screen image manipulation, 3D character design and animation, video and audio editing, game creation, and website design. Whether you're a seasoned gamer, a tech enthusiast or just curious, this course is perfect for you as no prior experience is required.

Get hands-on experience in video and image manipulation game mechanics, how game engines work, level design, sound design, and programming while learning well-defined processes and current application topics. With a focus on practical skills, you'll gain the know-how to craft captivating and immersive games that are fun to play and a true reflection of your imagination and creativity. So, if you're excited about creating your digital gaming masterpieces, join us for an electrifying and fun-filled adventure in e-Sports Designer!

GRAPHICS – Design & Visual Communication

Course Content:

Taking Year 9 Graphics would be an advantage but is not essential. The focus of this course is to prepare boys for NCEA Level 1. The first half of the course reinforces and extends the technical drawing skills learnt in Year 9.

Topics include:

- Geometric constructions
- Orthographic drawing, that is using two dimensional images to communicate three dimensional objects
- Paraline drawing techniques such as Oblique and Isometric
- AutoCad and Fusion 360 are available in the classroom or as a free download as an extension tool for those who have mastered the pencil.

The second part of the course introduces design. We start with generic sketching skills and explore design as an integrated graphic process.

JAPANESE

Course Content:

Become a proficient speaker of Japanese and learn to understand the writing system of Japan, the 'Land of the Rising Sun'. Class activities involve reading, writing, listening to and speaking Japanese. As the world's third largest economy, with a massive technological and industrial base, New Zealand and Japan have a very strong economic relationship.

This has also developed into strong cultural and sporting links, as well as a huge tourist trade. Learn Japanese and become involved with that exciting nation. Japanese in Year 10 is based on Levels 3 and 4 of the Learning Languages area of the New Zealand Curriculum, and the Curriculum Guide for Japanese.

The course covers a variety of written and visual Japanese texts relating to people, food, clothes, the past, and future, as well as pastimes.

MĀORI STUDIES

Course Content:

Students will consolidate the language and culture learnt in Year 9. In particular, they will develop their oral skills so that they can speak confidently in Māori in public. They will cover some new topics including:

- Family life
- School life
- Sport and leisure
- Daily routine
- Health

MEDIA AND ADVERTISING

Course Content:

Students will create promotional material for the school, or a product. Students will explore the conventions, content, purpose, and audience in their creation of this promotional material. The main purpose of the course is to develop an overall advertising campaign. Students will explore a range of advertising mediums, for example, Instagram adverts, TikToks and YouTube promotional videos.

Students will have the opportunity to use technology to develop the medium to a production level standard. Students can use sound and video (edited extras – music and special effects) to create the videos. Students can use their art and design skills to create an online advert using online tools.

MUSIC

Course Content:

Students taking this course will continue to develop skills gained in Year 9 Music. It is compulsory for all students to take regular instrumental or vocal tuition at school or private. They are also encouraged to participate in extra-curricular music groups, such as: School Band, Pipe Band, Choir, Barbershop or own rock or chamber groups.

The three main components of the course are:

- Composition
- Sound editing
- Performance music studies

Students will learn from a variety of topics, that include instruments of the orchestra, Māori music, history of pop music and theory. They will also use composing and sound editing software to compose original music.

Students will perform in class as soloists and develop group performance skills. They are expected to perform at the Junior Performance Evening in Term 3.

SPANISH

Course Content

Join the opportunity to become a proficient speaker of Español and develop the ability to speak with people from Spain, Argentina, Mexico, Chile, Peru and most other nations of South and Central America. The class activities involve reading, writing, speaking and listening in the Spanish language.

The strength of New Zealand as an exporting nation relies on our relationships with a large variety of nations around the world, so learning Spanish will enhance this. Spanish in Year 10 is based on Levels 3 and 4 of the Learning Languages area of the New Zealand Curriculum, and the Curriculum Guide for Spanish. The course covers a variety of written and visual Spanish texts relating to people, food, clothes, the past, and future, as well as pastimes.

TECHNOLOGY – COMBINED MATERIALS

Course Content

The course continues to develop student understanding gained in Year 9. Further development of design principles and approaches, hand and power tool skills is used to inform their own workshop practices. Students learn to understand how materials can be formed, manipulated and/or transformed to enhance the fitness for purpose of a product.

Content covered includes: health & safety, structures, mechanisms, timber, metals, composites and fixing & jointing methods. Each practical project is graded on “fit for purpose”.

TECHNOLOGY - ENGINEERING

Course Content

This course builds on the skills that were taught in the Year 9 programme. The focus is basic trade-based skills that will give a foundation for the projects undertaken in Level 1 NCEA. It includes:

- More advanced work on all machines including lathe work, milling and drilling
- Gas and electric welding
- Plan interpretation and design work to make projects

Theory covering machines and materials used is included.

TECHNOLOGY - WOODWORK

Course Content

This course develops basic wood working skills by creating a range of projects with accompanying theory.

Course content includes:

- Further development of hand tool skills
- Introduction to the use of all wood working machines
- The use of timber joints and other processes incorporated in project construction
- Timber technology and related fields

Theory will be covered as required.

LEVEL ONE COURSES

Course Selection

Year 11 students in their third year at secondary school are expected to select a course consisting of six subjects.

Compulsory Courses

All Level 1 students study the following compulsory courses English, Mathematics and Science. These courses offer alternative options to target students who require additional support

| | |
|---|--------------------------------|
| Agriculture/Horticulture | Music |
| Art | Health & Physical Education |
| Commerce | Spanish |
| Digital Information Technology | Te Reo Māori |
| Geography | Tikanga |
| Graphics- Design and Visual Communication | Technology - Engineering |
| History | Combined Technologies Workshop |
| Japanese | Technology - Woodwork |

Note:

1. Selection of English and Mathematics is compulsory in Year 11. Students must choose one of the two courses offered in these subjects.
2. Science is compulsory in Year 11. If your son finds Science difficult and as a result is working below Level 5 of the National Curriculum by the end of Year 10 he will be placed into a specialised Alternate Science course. This course is designed to cater for students who need more support in this curriculum area.
3. Students should consult with their tutor, dean and Careers Department if they wish to select more than ONE workshop subject.
4. Technology subjects, including Hospitality, have charges/costs for take home components.
5. Enrichment/Accelerate students: The purpose of the programme is to enrich the student's learning and thinking. Ordinarily, we encourage them to enrich their programme by choosing other subjects, and not immediately tracking onto the NCEA Level 2 course. Where they meet the entry requirement a 10XH or 10XG student can progress onto a Level 2 subject. The number of subjects they select at Level 2 must be completed in consultation with their dean.

AGRICULTURAL/HORTICULTURE LEVEL ONE – NCEA

Pre-requisite:

There is no pre-requisite required although Year 10 Ag/Hort would be an advantage.

Course Content: The Level 1 course offers a combination of both horticulture and agriculture Achievement Standards. The rationale behind this is that increasingly the two industries are becoming more integrated. All standards are supported by field trips where applicable and the growing and maintenance of plants in the tunnel-house, vineyard and around the school.

The course covers:

- The properties and management of soils
- Livestock physiology and management
- Plant physiology and management
- The impact of primary production on the NZ environment
- The management of pasture and crops in feeding livestock
- Plant propagation and maintenance
- Demonstrate practical skills used in agricultural or horticultural production

VISUAL ART LEVEL ONE – NCEA

Pre-requisite:

Students must have completed Year 9 or Year 10 Art.

Course Content:

This course is thematic, with internal standards focusing on development visual literacy, solving creative problems and experimenting with materials. Pictorial ideas will be inspired by New Zealand and International artists. Level one involves a multi-disciplinary approach which includes drawing, painting, printmaking and sculpture.

COMMERCE LEVEL ONE – NCEA

Pre-requisite:

None at this level

Course Content:

Commerce is the exploration and use of accounting, economic, and business concepts and models to make sense of society and solve problems. In this subject, ākonga will build the knowledge, skills, and values they need to navigate, and participate in, the economic world. They will learn how participants in the economic world make decisions, and they will analyse how these decisions impact on sustainability. Students will learn that decision-making is necessitated by scarcity and that decisions are informed by a variety of cultural perspectives and lenses. Learning and assessment will examine Māori, Pacific, and different approaches to commerce, and business models from whānau and organisation contexts.

DIGITAL INFORMATION TECHNOLOGY LEVEL ONE - NCEA

Pre-requisite:

None at this level.

Course Content:

Level 1 DIT offers a course where boundless curiosity and creativity are all you need to embark on a thrilling journey. Dive into web and game development, using industry-level applications to transform your ideas into awe-inspiring results. Explore game development with Unity or PyGame, forging captivating virtual landscapes and immersive storytelling. Craft stunning websites with HTML, Images, and Style sheets for unforgettable user experiences.

Team up with fellow students to tackle challenges, share ideas, and create cutting-edge customer-ready products. Unleash your potential and let your creativity soar in this exhilarating flipped learning class where you can gain merit or excellence!

ENGLISH LEVEL ONE - NCEA

Pre-requisite:

There are no prerequisites for this course. However, student achievement in the NCEA Level 1 Literacy CAA will be considered. This assessment determines whether a student is working at Level 5 of the curriculum.

Course content:

This is a full Achievement Standard course that allows ākonga to explore a wide range of text types. They will use critical thinking as they look to understand and infer intended meaning in these texts. Ākonga will develop a range of processes to reflect on what they have read, written, or spoken. They will learn to make deliberate choices in the crafting and editing of visual, oral, and written texts.

VOCATIONAL ENGLISH LEVEL ONE - NCEA & UNIT STANDARDS

Pre-requisite:

There are no prerequisites for this course. However, most students in this course will not yet have achieved Level 5 of the curriculum.

Course content:

This course is designed to allow ākonga to achieve NCEA Literacy as a co-requisite for their Level 1 NCEA certificate. Primarily, students will be prepared for the Level 1 Literacy CAA in Term 2 and/or Term 3. Ākonga will explore a wide range of text types as they consider structural and linguistic conventions in written, visual, and oral texts.

They will use critical thinking as they look to understand and infer the author's purpose in these texts. They will learn to make deliberate choices in the crafting and editing of visual, oral, and written texts.

HOSPITALITY LEVEL ONE – UNIT STANDARDS

Pre-Requisites:

None at this level.

Course Content:

This is a practical based programme which provides an introduction to food production in the hospitality industry and caters for students who are on a vocational pathway. The course requires the completion of both theory and practical components of work and prepares them for the Level 2 Hospitality Course.

The Course Covers:

- The practice of food safety in a food business
- Knowledge of knife care use and storage
- Prepare fruit and vegetables
- Prepare egg and cheese dishes
- Prepare sauces and soups
- Prepare cake, sponge and scones
- Prepare finger food Knowledge of cooking methods
- Knowledge of technology used for food and recipes



GEOGRAPHY LEVEL ONE – NCEA

Pre-requisite:

None at this level.

Course Content:

This is a full Achievement Standards course, based on Level 6 of the New Zealand curriculum. Geography is the study of te taiao and the interconnections within. Te taiao consists of all things that make up the surrounding environment. This includes features such as rivers, mountains, people, buildings, and infrastructure. Te taiao can exist at different scales and can be located wherever we place ourselves. Features of te taiao are all closely interconnected, including people. We stand in te taiao and are intrinsically part of it. Therefore, in Geography, we attempt to consider geographic issues holistically.

Level 1 Geography will cover the following 'Big Ideas':

- Te taiao connects people and people connect to te taiao
- Te taiao can be shaped by natural processes
- Tikanga informs the relationships between the tangata and te taiao
- Perspectives and power influence te taiao

The Big Ideas are taught through a range of Local, National and Global contexts in order to expose students to a range of different taiao.

GRAPHICS- Design and Visual Communication LEVEL ONE – NCEA

Pre-requisite:

There is none at this level, although junior graphics will be an advantage.

Design and visual communication focuses on understanding and applying drawing techniques and design practice to communicate design ideas. Students enhance their ability to conceptualise, develop, and communicate design ideas and potential outcomes, and their skill to interpret graphical information.

The components of Design and Visual Communication are:

Knowledge of Design Practice

Design practice focuses on developing conceptual designs in response to a brief. Knowledge of design practice includes understanding that designers identify the qualities and potential of design ideas in terms of the broad principles of design (aesthetics and function) and sustainability, and that they are influenced by societal, environmental, historical and technological factors.

Visual Communication

Visual communication refers to the effective communication and presentation of design ideas using modelling and graphic design techniques.

Graphics Practice

Graphics practice refers to the creative application of drawing and design knowledge and techniques to develop conceptual outcomes that address a brief, or a technological outcome of a graphical nature.

HISTORY LEVEL ONE – NCEA

Pre-requisite:

None at this level.

Course content:

The course provides an insight into New Zealand's twentieth century history. It looks at how the country transitioned from a comfortable dependence on the British Empire to a proudly independent nation.

- Dominion: Gallipoli, Nazi Germany and the fall of Singapore
- Ally: Uncle Sam's buddy? The Vietnam War
- Independence: Springboks, Argentinians and the French

JAPANESE LEVEL ONE – NCEA

Pre-requisite:

Year 10 Japanese, or with the approval of the HOD Japanese.

Course Content:

The Level 1 course will consolidate many of the areas covered in Year Ten. As well as this, new areas are studied. Examples are 'Home and Daily Routine'; 'Town and Around'; 'Sport, Leisure and Hobbies'; 'Eating and Drinking'; 'Health'; 'School Life'; 'Travel and Holidays'. Aspects of study include reading, writing, listening and speaking Japanese.

MATHEMATICS 101 LEVEL ONE – NCEA

Pre-requisite:

Students will have achieved the Level 1 Numeracy Common Assessment Activity in Year 10.

Course Content:

This course includes Algebra, mathematical methods, statistics and probability and geometrical reasoning.

Important: Those students who pass Level 1 Algebra have access to Mathematics 201 and therefore Calculus and / or Statistics at Level 3. Those students who fail Level 1 Algebra have access to Mathematics 202 and only Statistics at Level 3.

ALTERNATIVE MATHEMATICS 102 LEVEL ONE – NCEA

This is an alternative Year 11 course for students who have not yet met the Level 1 Numeracy requirements.

Course Content:

This course provides the opportunity for students to review their learning experiences previously covered in Year 9 and 10. This is targeted at Level 5 of the curriculum and is intended to prepare students for the Numeracy Common Assessment Activity.

Additional Level 1 Mathematics standards are offered.

MUSIC LEVEL ONE – NCEA

Pre-requisite:

Students taking this course will need to have successfully completed Year 10 Option Music or have equivalent knowledge and experience as judged by the Head of Music. It is compulsory for all students to take regular instrumental or vocal tuition at school or private. They are also encouraged to participate in extra-curricular music groups, such as: School Band, Pipe Band, Choir, Barbershop or own rock or chamber groups.

Course Content:

The course is designed to develop students as well-rounded musicians. It consists of the following Achievement Standards:

- Perform two pieces of music as a featured soloist
- Demonstrate ensemble skills via performing piece of music as a member of a group
- Compose two original pieces of music
- Demonstrate knowledge of two music works from contrasting contexts
- Demonstrate knowledge of conventions used in music scores (External)

Students will develop music literacy skills through composition and score reading, understanding of context through analysis of music works, as well as equipment and ICT. They will also be encouraged to perform at school and in the community through: School Productions, Super 8 Cultural Competitions, The Big Sing, Smokefree Rockquest, Play it Strange song writing Competition, Chamber Music Competition, Pacifica Beats and others.

PHYSICAL EDUCATION LEVEL ONE – NCEA

Pre-requisite:

None at this level.

Course Content:

The course consists of four modules of work and contributes 20 credits towards NCEA. Each will last approximately 5 weeks with some overlap between modules. Achievement Standards require the completion of both theory and practical components of work.

- Participate actively in a variety of physical activities and explain factors that influence own participation
- Describe the function of the body as it relates to the performance of physical activity.
- Demonstrate quality movement in the performance of a physical activity.
- Demonstrate interpersonal skills in a group and explain how these skills impact on others.
- Demonstrate strategies to improve the performance of a physical activity and describe the outcomes.

SCIENCE LEVEL ONE – NCEA

Pre-requisite:

This is a course that is intended for students who intend to study specialist sciences in the senior school.

Course Content:

- Demonstrate understanding of the effect on the Earth of interactions between the Sun and the Earth-Moon system
- Demonstrate understanding of energy in a physical system
- Demonstrate understanding of the relation between a microorganism and the environment
- Demonstrate understanding of a chemical reaction in a specific context
- Demonstrate understanding of genetic variation in relation to an identified characteristic

ALTERNATIVE SCIENCE LEVEL ONE- NCEA

Prerequisite:

This course is intended for students who would like to explore a range of scientific skills.

Course content:

- Demonstrate understanding of the relation between a microorganism and the environment
- Demonstrate understanding of a chemical reaction in a specific context
- Demonstrate understanding of a science-informed response to a local issue
- Demonstrate understanding of genetic variation in relation to an identified characteristic

SPANISH LEVEL ONE – NCEA

Pre-requisite:

Satisfactory completion of Year 10 assessments across all subjects, or at the discretion of the HOD.

Course Content:

The Spanish Level 1 course will enable students to communicate both orally and in writing about important aspects of modern life – family, friends, health, homeland, fashion, holidays and personal interests. Speaking practice throughout the year will be strongly encouraged and it will be a key part of the course. Students will be introduced to key linguistic features of Spanish, including Spanish punctuation, verb conjugations in past, present and future tenses, and pronunciation of Spanish words and phrases.

TE REO MĀORI LEVEL ONE – NCEA

Pre-requisite:

Completion of the Year 9 and Year 10 programme or a good knowledge base of Te Ao Māori is recommended.

Course Content:

One emphasis of this course is the development of the four language skills – reading, listening comprehension, verbal and written expression in several contexts such as whānau, kura, hākinakina and tūrangawaewae. In addition, another emphasis is the further learning of karakia, Māori Performing Arts, Traditional Māori past-game games, myth and legends.

TIKANGA LEVEL ONE - NCEA & UNIT STANDARDS

Pre-requisite:

Completion of the Year 9 and Year 10 Te Reo Māori programme or a good knowledge base of Te Ao Māori is recommended. Entry can also be granted with the approval of the Head of Māori Studies.

Course content:

The emphasis of this course is the exploration and development of knowledge skills around Māori Culture, History and the Traditional Māori Arts.

TECHNOLOGY - ENGINEERING LEVEL ONE – NCEA & UNIT STANDARDS

Pre-requisite:

Students must have completed Year 9 and / or Year 10 Engineering

Course Content:

This course will cover general Engineering skills using Industrial Unit Standards. Each unit includes practical skills and related theory. The skills covered include setting out, cutting out, assembly of projects, welding, lathe work and finishing.

TECHNOLOGY – COMBINED MATERIALS LEVEL ONE – NCEA & UNIT STANDARDS

Pre-requisite:

Students must have completed year 9 and /or 10 Combined Materials Technology, Woodwork or Engineering.

Course Content:

This course contains a combination of unit standards and achievement standards. Use of multiple materials including, but not limited to, timber, sheet materials, electrical components, metals, plastics and various finishes are used to produce a range of projects. Topics covered include Health and Safety, following a process to produce a project, use of various workshop tools and machines to manipulate and transform materials to produce a product.

TECHNOLOGY - WOODWORK LEVEL ONE – NCEA & UNIT STANDARDS

Pre-requisite:

Students must have completed Year 9 and / or Year 10 Woodwork

Course Content:

This course covers general woodworking skills. Each unit includes practical skills and related theory. Skills covered include setting out, cutting out, assembly of projects, hand tools and some machines and methods of finishing.



LEVEL TWO COURSES

Course Selection

Year Twelve students in their fourth year at secondary school are expected to select a course consisting of six subjects. These may be across Level 1 – 3, depending on the learner.

Entry criteria to Level Two subjects

- In general, students may study a subject at Level Two if they gained 14
- Achievement Standard credits or more in that subject in NCEA Level 1.
- Students should read the pre-requisite for each subject, for further details.

Compulsory Courses

All Level 2 students must study English. This can be the alternate option.

Elective/Optional Courses:

| | |
|--|--------------------------------------|
| Accounting | Gateway |
| Agriculture/ Horticulture | History |
| Art | Hospitality |
| Biology | Japanese |
| Chemistry | Māori |
| Classical Studies | Tikanga |
| Digital Information Technology | Music |
| Earth and Space Science | PE - Health & Physical Education |
| Economics | Performance PE (2) |
| Practical Agriculture | Physics |
| General Science (NCEA Level 2) | Technology - Engineering |
| Geography Graphic Design & Visual Communicaiton | Tech-Combined Technologies Workshop |
| Communication | Technology - Woodwork |
| Trades Courses vis EIT | Tourism (2) |
| Te Kura | Technology - Computer Technician (2) |

Note:

1. Selection of an English Course is compulsory at Level 2.
2. Students who have not achieved the required Level 1 Numeracy credits, must continue with a suitable Mathematics course.
3. Courses marked with a (2) are primarily Unit Standard course that allow students to Achieve standards, but are not eligible for Merit or Excellence endorsement.
4. Year 12 or 13 students who have studied Level 1 Science and passed at least one external achievement standard, but not made the criteria to select a Level 2 specialist Science course may select Year 12 General Science if they wish to continue their scientific studies.
5. Technology subjects, including Hospitality, have charges/costs for take home components.
6. Enrichment / Accelerate students:
Mathematics - students that are going into Year 12 in 2025 and have completed the 201 Mathematics course are encouraged to select the Level 3 Mathematics with Statistics course. Their natural pathway is then to complete the Level 3 Mathematics with Calculus course in their final year of school.

ACCOUNTING LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Commerce.

Course Content:

Extension of Level 1 Commerce, discussing accounting issues, providing detailed accounting reports, analysing the accounting function and its efficiency. The course is divided into five strands: The Conceptual Basis, Decision Making, Processing, Accounting Systems and Accounting reports. An important lead into the Year 13 course or consolidation of basic business accounting.

Assessment:

This course offers a total of 19 credits in Achievement Standards towards NCEA. Ten credits are internally assessed and nine are externally assessed.

AGRICULTURE / HORTICULTURE LEVEL TWO – NCEA

Pre-requisite:

14 credits gained in Level 1 Agriculture or Science.

Course Content:

The Level 2 course covers the following topics:

- Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production
- Demonstrate understanding of management practices influencing plant growth/development
- Demonstrate understanding of livestock reproductive technologies.
- Report on the environmental impact of the production of a locally produced primary product.
- Demonstrate understanding of land use for primary production in New Zealand

If any student wishes to focus solely on Horticulture, two alternative Achievement Standards will be offered instead of the livestock internals. These are:

- Demonstrate understanding of advanced plant propagation techniques used for commercial production in New Zealand
- Carry out an extended practical agricultural or horticultural investigation.

All standards are supported by field trips where applicable and the tunnel house area is also used.

Assessment:

This course offers a total of 24 credits towards NCEA. 12 of these credits are internally assessed and 12 are externally assessed. There will also be the introduction of two Agribusiness Centre of Excellence standards to complement current Agriculture standards. These will be offered to selected students only.

AGRICULTURAL - PRACTICAL LEVEL TWO – Unit Standards

Pre-requisite:

Open to all Year 12 and 13 students.

Course Content:

This course will explore the practical elements of farming and forestry. There are numerous opportunities for students to gain experience in the primary industries. Students will gain experience in: Forestry techniques, Sheep and Beef primary industries, safety elements when working outdoors, and practical farm skills.

Assessment:

This course will be assessed using Unit Standards and not intended for students studying Level 2 Agriculture. Any standards the students pass can be counted as credits towards their NCEA certificate.

ART LEVEL TWO – NCEA



ART LEVEL TWO – NCEA

Pre-requisite:

14 credits in NCEA Level 1 Art, or HOD discretion. In Year 12, Painting, Design, and Sculpture are all classed as separate disciplines. They should only choose one of these options. The internal and external standards for each discipline will allow students to focus on their strengths.

PAINTING:

The theme for the year will focus on multimedia painting. Work will be developed from contemporary painting styles with the inclusion of digital media processes. The two internal standards cover:

- Use drawing methods to apply knowledge of Painting techniques.
- Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.

The external standard is worth 12 credits and is submitted in the form of a portfolio:

- Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.

SCULPTURE:

The course involves developing ideas and demonstrating your knowledge of drawing and sculpture conventions. Sculptural ideas will focus on repetition and size and scale, interior and exterior spaces. The two internal standards cover:

- Use drawing methods to apply knowledge of Sculpture techniques.
- Develop ideas in a related series of drawings appropriate to Sculpture practice.

The external standard is worth 12 credits and is submitted in the form of a portfolio.

- Produce a systematic body of work that shows understanding of art making conventions and ideas within Sculpture.

DESIGN:

Introduction to Photoshop and Illustrator software. The theme for the year encourages students to look at Design conventions in the real world.

The two internal standards cover:

- Use drawing methods to apply knowledge of Design techniques
- Develop ideas in a related series of drawings appropriate to Design practice.

The external standard is worth 12 credits and is submitted in the form of a portfolio.

- Produce a systematic body of work that shows understanding of art making conventions and ideas within Design.

Assessment: All Art course offer a total of 20 achievement standard credits towards NCEA Level 2. 8 credits are assessed internally and 12 externally.

BIOLOGY **LEVEL TWO – NCEA**

Pre-requisite:

14 credits in Level 1 NCEA Science (Must include either Chemistry and Biology 1.1 or 1.2 internal standards).

Course Content:

- Carry out a practical investigation in a biology context
- Analyse the biological validity of information presented to the public
- Demonstrate an understanding of adaptation of animals to their way of life.
- Demonstrate understanding of life processes at the cellular level.
- Demonstrate understanding of genetic variation and change.

There is a good cross-section of material to give the student an opportunity to see what area of Biology may be of interest to them for future career prospects. This gives practical as well as academic students an opportunity to excel. This course requires students to have good writing and thinking skills.

Assessment:

This course offers a total of 18 credits in Achievement Standards towards the NCEA. Ten credits are internally assessed and eight are externally assessed.

CHEMISTRY **LEVEL TWO – NCEA**

Pre-requisites:

14 credits in Level 1 NCEA Science this **MUST** include the Chemistry External paper. (Must include either Chemistry and Biology 1.1 or 1.2 internal standards)

Content Areas:

- Carry out qualitative analysis – practical based internal
- Carry out procedures to identify ions present in solution – practical based internal
- Demonstrate an understanding of oxidation – reduction – practical based internal
- Demonstrate an understanding of bonding, structures and energy changes
- Demonstrate an understanding of selected organic compounds

CLASSICAL STUDIES LEVEL TWO – NCEA

Assessment:

This course offers a total of 23 credits in Achievement Standards towards NCEA. Ten credits are internally assessed and thirteen are externally assessed.

Pre-requisite:

14 Credits in a NCEA Level 1 subject such as Commerce, Geography, History or English.

Course Content:

Classical Studies is understood as the study of the civilisations of classical Greece and Rome without the study of the classical languages, Greek and Latin. It includes topics in literature, art and history.

Organisation of the Course:

Students will study the following four topics:

- Greek, Homer's Odyssey, Architecture and Sculpture of Athens
- Roman, Roman Politics in the age of Caesar and Cicero, Roman Art

Assessment:

This course offers a total of 20 credits in Achievement Standards towards NCEA. Ten credits are internally assessed and ten are externally assessed.

DIGITAL INFORMATION TECHNOLOGY LEVEL TWO - NCEA

Pre-requisite:

None at this level.

Course Content:

Whether you experienced DIT last year or not, prepare for an exciting adventure you can carry to industry. You only need imagination and innovation to dive into web and game development.

Using business-level applications, design thinking, and inquiry processes, learners transform their ideas into awe-inspiring results. They will create dynamic websites with Python, PHP, and CSS to deliver unforgettable user experiences or explore animation and game development with Blender and Unity or PyGame, where they will craft captivating virtual landscapes and immersive experiences with VR.

In this flipped learning class, learners collaborate with classmates to tackle challenges, share ideas, and create cutting-edge customer-ready products.

Assessment:

This course offers a total of 20 credits in Achievement Standards towards NCEA. Ten credits are internally assessed and ten are externally assessed.

EARTH AND SPACE SCIENCE LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Science (Must include 1.4 Physics, Earth and Space Science external standard).

Course Content:

This course explores the subject areas of Astronomy and Earth Systems Science. It integrates concepts and principles from Level 2 Physics, Chemistry, Biology and Geography.

Organisation of the course:

Students will study the following topics:

- A. Astronomy
 - Stellar evolution (birth, life and death of stars)
 - Planet and moon formation
- B. Earth Systems
 - Natural hazards (Volcanoes, Tsunami and Earthquakes)
 - Climate Change
 - Extreme life

Note: Field trips to the National Aquarium of NZ, Cape Kidnappers and the Harold Holt Planetarium are required at an additional cost.

Assessment:

This course offers a total of 20 credits in Achievement Standards towards NCEA. 12 credits are internally assessed and eight are externally assessed.

ECONOMICS LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Commerce or at the HOD's discretion if the student has not previously taken Commerce related subjects

Course Content:

Exploring the Economic Issues of Trade, Growth and Inflation. Each issue is studied in depth so the student can identify the causes and effects and what Government Policies are implemented to address the issues including unemployment. The students will develop Investigative Thinking and Processing Skills to provide information and make decisions. Two reports are compiled by students during the year as project work based on these skills. The course provides an excellent grounding on how the New Zealand economy works and gives the student a broad skill base.

Assessment:

This course offers a total of 18 credits in Achievement Standards towards NCEA. Ten credits are internally assessed and eight are externally assessed.

ENGLISH LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA English.

Course Content:

The course consists of two external Achievement Standards:

- Written text(s)
- Unfamiliar texts

A range of internal standards will be offered, covering skills such as speech, writing portfolio, personal reading and research.

Assessment:

This course will provide a total of 21 credits towards the NCEA. 13 credits are internally assessed and eight are assessed externally.

VOCATIONAL ENGLISH LEVEL TWO – NCEA

Pre-requisite:

None at this level.

Course content:

This course is designed for students who have not achieved the skills required to gain entry to the full Level 2 English course. The course is designed as part of the vocational pathway and does not offer University Entrance. Please note this course does not provide a pathway to Level 3 English in Year 13. The course will offer students the ability, if they have not yet achieved this, to access the required Level 1 Literacy standards.

Assessment:

A combination of Achievement and Unit Standards at Level 2 are available, and students can move to a higher level once they have achieved the credits required. Students are expected to gain a minimum of eighteen internally assessed credits during the course. This course offers one externally assessed Achievement Standard.

GATEWAY *Aimed at Year 12 and 13 students*

Pre-requisites:

A proven attitude and work ethic in previous year. Entry to course by application only. Application forms are available Week 8, Term 3. You must submit your application before the end of Week 9. Selection will be a panel. Successful applicants will be notified by the end of Week 1, Term 4.

What the Course involves:

The student will attend his industry work placement one day a week. For the remainder of the week the student will be in his Gateway period working on his industry-based unit standards or catching up on work missed while he was on his placement. Electrical, building agriculture, plumbing and hospitality are common industries that boys pursue. The past ten years of Gateway at NBHS have proven the work placement will often lead to an apprenticeship, direct employment or further industry related Tertiary study. There is a financial contribution toward travel and work gear needed for their placement. Contracts are signed between parents, employers and the student to ensure the student satisfies the responsibilities and expectations of this unique subject.

Assessment:

Industry-based assessments at Level 2 and 3. Depending on the industry as many as 20 credits.

*Year 12 students wanting to enrol in Gateway must select this as their 'seventh' subject selection.

GENERAL SCIENCE **LEVEL TWO NCEA**

Pre-requisite:

This course is designed for students who have not yet met the requirements for entry into a Level 2 specialist Science course or whose chosen pathway requires non-specific Level 2 Science credits. Students who took Level 1 Alternate Science may also take this course if they gained the 12 Achievement Standard credits, or with HOD approval in exceptional circumstances.

Course content:

- Carry out an investigation into chemical species present in a sample using qualitative analysis
- Demonstrate understanding of oxidation-reduction
- Carry out a practical physics investigation that leads to a non-linear mathematical relationship
- Investigate how organisms survive in an extreme environment
- Investigate biological material at the microscopic level
- Demonstrate understanding of the chemistry used in the development of a current technology

This course is designed for students who have not achieved the skills required to gain entry to any specialist Level 2 Science courses. Students cannot progress from this course to any Level 3 specialist Science course. If students attain 16 credits from this course, they may be eligible to move to a specialist Level 2 science course.

Assessment:

This course offers 20 Level 2 Achievement Standard credits towards NCEA. All 20 credits are internally assessed.

GEOGRAPHY LEVEL TWO – NCEA

Pre-requisite:

14 Credits in Level 1 NCEA Geography or another Social Science or at the discretion of the HOD based on your Level 1 grades in English, History or Commerce

Course Content:

Level 2 Geography covers the topics listed below:

Topic 1: Natural Landscapes (4 Credits)

Students gain an awareness of the elements that are responsible for producing a range of natural landscapes. Studies are made at a local Level through to the continental level, e.g. Amazon Basin.

Topic 2: Geographic Skills (4 Credits)

Students gain an understanding of a range of Geographic skills and then develop the skill of being able to apply the skills to a given context. Internal assessments will include geographic research and explaining a contemporary geo- graphic issue, and a geographic global topic. Apply spatial analysis, with guidance, to solve a geographic problem.

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA. 14 credits are internally assessed and eight are externally assessed.

GRAPHICS - Design and Visual Communication LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Graphics

Course Content:

Design and visual communication focuses on understanding and applying drawing techniques and design practice to communicate design ideas. Students enhance their ability to conceptualise, develop, and communicate design ideas and potential outcomes, and their skill to interpret graphical information. The components of Design and Visual Communication are:

Knowledge of Design Practice

Design practice focuses on developing conceptual designs in response to a brief. Knowledge of design practice includes understanding that designers identify the qualities and potential of design ideas in terms of the broad principles of design (aesthetics and function) and sustainability, and that they are influenced by societal, environmental, historical and techno- logical factors.

Visual Communication

Visual communication refers to the effective communication and presentation of design ideas using modelling and graphic design techniques.

Graphics Practice

Graphics practice refers to the creative application of drawing and design knowledge and techniques to develop conceptual outcomes that address a brief, or a technological out- come of a graphical nature.

Assessment:

This course offers a total of 25 credits in Achievement Standards towards NCEA. 15 credits are internally assessed and ten are externally assessed. Internal and External assessment is by portfolio.

HISTORY LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 History, Geography or Commerce. Students may be accepted at the HOD's discretion.

Course Content:

The course gives students an understanding of some of the major forces and events that have shaped the world today. The course deals mainly with events in the twentieth century. The course is designed for 21st century students, incorporating online collaborative learning. The course develops thinking, analytical, research and communication skills.

The course has one major focus, the Cold War.

The Cold War: Superpower tension & rivalry, 1945-1991

- Fat Boy & Little Man: was the bombing of Japan a strategic necessity?
- Dropping the Iron Curtain: life in the East
- Racing to win: the arms race & space race
- Whose war is it anyway? War in the Third World & the Vietnam War
- Assassination from the 'grassy knoll': the death of JFK
- Cold War / Hot War: how close did we get?

Assessment:

The course offers 24 credits towards NCEA. 14 credits are internally assessed.

HOSPITALITY LEVEL TWO - UNIT STANDARDS

Prerequisites:

14 credits at Level 1 Hospitality is advisable, but students will be entered at the discretion of the HOD.

Course Content:

This is a practical course. The students develop a range of culinary skills which will set them in good stead for life and prepare them for the Level 3 Hospitality course. Students will gain a commercial Food safety Qualification.

- The practise of Food Safety in a food business
- Handle and maintain knives in a commercial kitchen
- Prepare food and vegetable cuts
- Cook food items by baking
- DKO coffee equipment and espresso beverages (Barista Certificate awarded at the end of Year 12)
- Cook food items by grilling
- Cook food items by braising and stewing
- Prepare and present salads for service

Students are required to complete work experience in a Commercial Kitchen. The students will be involved in catering for school functions and events.

Assessment:

The course offers 20 internally assessed Level 2 Unit Standards.



JAPANESE LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Japanese.

Course Content:

At this Level , four topics are studied in more depth than in previous years, and a reading and writing knowledge of Kanji is developed.

The topics to be studied are:

- The Japanese School System
- Family Life, Leisure Activities
- Eating and Drinking

Assessment:

This course offers a total of 24 credits in Achievement Standards towards NCEA. 14 credits are internally assessed and 10 are externally assessed.

TE REO MĀORI LEVEL TWO – NCEA

Pre-requisite:

At least 12 credits in Level 1 NCEA Te Reo Māori, However, entry can be granted with the approval of the Head of Māori Studies.

Course content:

One emphasis of this course is the refinement of the four language skills – reading, listening comprehension, verbal and written expression in several contexts such as marae, tikanga, hākinakina and teenage issues. In addition, another emphasis is the further learning and refinement of karakia, Māori Performing Arts, Traditional Māori past-game games, myth and legends. Furthermore, an introduction to kawa, tikanga marae and whaikōrero will be given.

Assessment:

This course is through Achievement Standards in each of these areas. Several Unit Standards are also offered and available to embellish their learning. There are 16 credits that are internally assessed and 12 credits that are externally assessed.

TIKANGA LEVEL TWO AND THREE NCEA

Pre-requisite:

Completion of the Year 9 and Year 10 Te Reo Māori programme or completion of the Level 1 NCEA Tikanga or a good knowledge base of Te Ao Māori. Entry can also be granted with the approval of the Head of Māori Studies.

Course content:

The emphasis of this course is the exploration and development of knowledge skills around Māori Culture, History and the Traditional Māori Arts.

Assessment:

This course is predominantly Unit Standard based, with several Achievement Standards offered. This course offers 20 internally assessed Level 2 and Level 3 Unit Standards and Achievement Standards.

MATHEMATICS 201 LEVEL TWO – NCEA

Pre-requisite:

14 or more credits in Level 1 NCEA Mathematics (Must include Mathematics and Statistics 1.4). A very sound knowledge of Algebra is required.

Course Content:

- Manipulate algebraic expressions and solve equations
- Find and use straight forward derivatives and integrals
- Select a sample and make inferences from the data
- Simulate probability situations and apply the normal distribution
- Solve practical trigonometry problems

Assessment:

This course offers a total of 19 credits in Achievement Standards towards NCEA. 11 credits are internally assessed and eight are externally assessed.

This course is for students who intend to study Level 3 Mathematics with Calculus.

MATHEMATICS 202 LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 NCEA Mathematics.

Course Content:

- Solve problems using a co-ordinate geometry method
- Select a sample and make inferences from the data
- Simulate probability situations and apply the normal distribution
- Solve straight forward problems involving sequences
- Solve practical trigonometry problems
- Networks
- Solving Simultaneous equations.

Assessment:

This course offers a total of 19 credits in Achievement Standards at Level 2 towards NCEA. 15 credits are internally assessed and four are externally assessed. This course is for students who intend to study Level 3 Mathematics with Statistics or Level 3 General Mathematics.

MUSIC LEVEL TWO – NCEA

Pre-requisite:

14 credits in NCEA Level 1 Music or have equivalent knowledge of music as judged by HOD Music. As senior Music students, they are also expected to participate in extra-curricular music groups, such as: School Band, Pipe Band, Choir, Barbershop or own rock or chamber groups.

Course Content:

Level 2 Music allows students to specialize in their area of choice. Their course will consist of standards focusing on composition, performance or music studies. They can also complete a combination of Achievement Standards from various strands. Achievement Standards on offer are:

- Perform two substantial pieces of music as a featured soloist
- Demonstrate ensemble skills by performing a substantial piece of music as a member of a group
- Compose two substantial pieces of music
- Devise an instrumentation for an ensemble
- Perform a substantial piece of music as a featured soloist on a second instrument
- Investigate an aspect of New Zealand music
- Demonstrate knowledge of conventions in a range of music scores (External)

Students will develop music literacy skills through composition, instrumentation and score reading, develop understanding of context through analysis of music works, as well as equipment and ICT. They will also be encouraged to perform at school events and other opportunities like: School Productions, Super 8 Cultural Competitions, The Big Sing, Smokefree Rockquest, Play it Strange Songwriting Competition, Chamber Music Competition, Pacifica Beats and others.

Assessment:

The musical ability of the student will determine the number of credits that he has access to. Credits can be gained through both performance and theory standards. Students are encouraged to continue with their work towards ABRSM performance and theory examinations. This course offers 24 Achievement Standard credits towards NCEA.



PHYSICAL EDUCATION (CORE) LEVEL TWO – NCEA

Pre-requisite:

14 credits in Level 1 Health & Physical Education or at the discretion of the HOD based on other subject grades.

Course Content:

The course consists of five modules of work and contributes 21 credits towards the National Certificate. Each will last approximately 6 -8 weeks with some overlap between modules. Achievement Standards require the completion of both theory and practical components of work.

- Describe the function of the body as it relates to the performance of physical activity.
- Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.
- Demonstrate understanding of the application of biophysical principles to training for physical activity.
- Perform a physical activity in an applied setting.
- Evaluate leadership strategies that contribute to the effective functioning of a group

Assessment:

This course offers a total of 21 credits in Achievement Standards towards NCEA. This course leads to Level 3 Health & Physical Education. All credits are internally assessed.

PERFORMANCE PE LEVEL TWO – NCEA

Pre-requisite:

This course is for students who have not met the entry requirements Level 2 Physical Education.

Course Content:

Performance PE is a continuation from the Level 1 programme. This course will allow Level 2 students to complete Achievement Standards at Level 1 and 2, without having to repeat those which they may have successfully passed the year before. The course will offer 5 Achievement Standard credits at Level 1 and a possible 13 Achievement Standard credits at Level 2. This contributes to 18 credits towards NCEA. All standards require the completion of both theory and practical components of work.

- Demonstrate an understanding of the function of the body as it relates to the performance of physical activity.
- Perform a physical activity in an applied setting.
- Analyse group processes in physical activity.
- Examine the significance of physical activity in the lives of young people in New Zealand.

Assessment:

This course offers a total of 18 credits in Achievement Standards towards NCEA. This course leads to Level 3 Performance PE. All 18 credits are internally assessed.

PHYSICS LEVEL TWO – NCEA

Pre-requisites:

14 credits in Level 1 NCEA Science (Must include 1.4 Physics, Earth and Space Science external standard).

Course Content:

- Experimental Methods - units, calculations and graphical techniques.
- Level 3 Waves – standing waves, interference and the Doppler effect.
- Mechanics - vectors, forces, momentum, circular motion and gravitational energy.
- Electricity - charges, electric fields, DC Currents, magnetic fields and electro-magnetic induction.
- Atomic models - models of the atom, radioactivity and half life.

Assessment:

This course offers a total of 23 credits in Achievement Standards towards NCEA. 7 credits are internally assessed and 16 are externally assessed.

TECHNOLOGY- ENGINEERING LEVEL TWO - NCEA *ENGINEERING (UNIT STANDARDS).*

The course also includes maintenance and diagnostic unit standards.

Pre-requisite:

14 credits in Level 1 Technology - Engineering.

Course Content:

Includes unit standards in:

- Drawing and sketching
- Practical Mathematics
- Trade calculations
- Use and care of tools
- Measuring devices
- Health and Safety.

Assessment:

This subject will be assessed using Unit Standards. This subject offers a total of 24 credits, they are internally assessed.

TECHNOLOGY - COMBINED MATERIALS LEVEL TWO NCEA – unit standards

Pre-requisite:

14 credits or more in:

- Level 1 Combined Materials Technology
- Level 1 Woodwork
- Level 1 Engineering

Course Content:

This full year course consists of six theory units and three practical assessments contributing 19 credits towards NCEA Level 2. Industry based unit standards require the completion of both theory and practical components of work.

- Demonstrate knowledge of and carry out health and safety procedures for a building construction site (Level 2, 4 credits)
- Assemble mechanical components under supervision (Level 2, 2 credits)
- Identify, select, maintain and use portable power tools for BCATs project (Level 2, 6 credits)
- Use and maintain hand tools for furniture making (Level 2, 4 credits)
- Construct hand joints for furniture (Level 2, 3 credits)

Assessment:

This course is assessed using Unit and Achievement standards at Level 2. There are 19 internally assessed standards. This course focuses on practices used in trade-based occupations.

TECHNOLOGY-WOODWORK LEVEL TWO -NCEA *BUILDING CONSTRUCTION/CARPENTRY (UNIT STANDARDS)*

Pre-requisite:

14 credits in Level 1 Technology – Woodwork.

Course Content:

- Carpentry hand tools and maintenance
- Wood turning
- Portable power tools
- General construction.

It is a requirement that students taking this course also cover three First Aid Unit Standards worth a further four credits.

Assessment:

This subject will be assessed using Unit Standards from Level 2. This subject offers a total of 23 internally assessed credits towards NCEA. This course has an emphasis on construction.

TOURISM LEVEL TWO – NCEA

Pre-requisite:

Level 1 Literacy and Numeracy.

Course Content:

Students will get the opportunity to study aspects of the travel and tourism industry. The course involves looking into what tourism is, the tourism industry, work roles in tourism, knowledge about destinations with New Zealand and overseas, and why people become tourists. All work is covered is internally assessed by Travel and Tourism Unit Standards. The course leads to Level 3 Tourism and/or a career in the tourism industry.

Assessment:

This course is assessed using Unit Standards and offers a total of 20 Level 2 credits.

TRADES Through EASTERN INSTITUTE OF TECHNOLOGY *This course is primarily aimed at: Year 12 & 13 students*

Pre-requisites:

Level 1 NCEA including Literacy and Numeracy.

What the course involves:

It involves being at E.I.T. one day a week. Students have a Trades line at school on their timetable to catch up with their mainstream subjects. Students undergo practical and theory-based learning at E.I.T.

Assessment:

Internal assessment based on Theory and Practical work. Credits offered are between 20 -24 Unit Standards.

Courses Available:

Agriculture, Animal Care, Automotive, Bakery, Building & Construction, Business Enterprise, Computer Technician, Computer Technology, Engineering, Hair and Beauty, Health & Fitness, Horticulture, Hospitality, Integrated Primary Industry Skills, Integrated Trade Skills, Te Toi Whanake, Toi Whaikairo and Tourism & Travel.

*Year 12 students who wish to enrol in Trades, must select this as their 'seventh' subject selected.

TE KURA CORRESPONDENCE SCHOOL LEVEL TWO – NCEA

Pre-requisite:

Students must have demonstrated good work habits and the ability to ‘manage self’ at Level 1. Further, they must demonstrate sufficient proficiency to think, learn and understand the content of the related Level 2 course. For example, they have studied this at another school or in the preceding year. The proposed course must be unavailable at Napier Boys’ High School. Students must apply to the Senior Master – Curriculum for entry to a Te Kura course.

Course Content:

Te Kura is a state-funded distance education provider. Te Kura offers a range of courses, delivered online. Students can apply to enrol for a specific course that is not offered at Napier Boys’ High School. Course information is available here: <https://www.tekura.school.nz/subjects-and-courses/>

Assessment:

The available number of credits will depend on the course. Courses will involve internal and external assessments. Students enrolled with Te Kura must be complete all coursework to maintain their enrolment.

*Year 12 students wanting to enrol in Te Kura must select this as their ‘seventh’ subject selection.



LEVEL THREE COURSES

Course Selection

Year 13 students in their fifth year at secondary school are expected to select a course consisting of five subjects. These may be across Level 1 – 3, depending on the learner.

Entry criteria to Level 3 subjects

- In general, students may study a subject at Level 3 if they have gained 14
- Achievement Standard credits or more in that subject in NCEA Level 2.
- Students should read the pre-requisite for each subject, for further details.

Compulsory Courses

There are no compulsory courses at Year 13. However, a student must consider their Numeracy and Literacy achievement and the requirements for their intended future study or employment.

Courses

| | |
|---|------------------------------------|
| Accounting (UE) | Gateway |
| Agricultural Science (UE) | Japanese (UE) |
| Art - Painting, Design or Sculpture (UE) | Te Reo Māori (UE) |
| Biology (UE) | Tikanga |
| Chemistry (UE) | Mathematics with Statistics (UE) |
| Classical Studies (UE) | General Mathematics (UE) |
| Digital Information Technology (UE) | Music (UE) |
| Earth and Space Science (UE) | Physical Education (UE) |
| Economics (UE) | PE - Sport and Recreation |
| English (UE) | Physics (UE) |
| Vocational English | Technology - Combined Materials |
| Geography (UE) | Technology - Engineering |
| Graphics-Design and Visual Communication (UE) | Technology - Woodwork |
| History (UE) | Trades with E.I.T |
| Hospitality | Te Kura (UE- depending on subject) |
| Mathematics with Calculus (UE) | Tourism |

Note:

1. Students who have not obtained University Entrance Literacy from NCEA Level 2, must continue to take an English course at the appropriate level.
2. Students who have not obtained Numeracy NCEA Level 1 must continue to take a Mathematics course at the appropriate level. Mathematics course at the appropriate level.
3. Technology subjects, including Hospitality, have costs for take home components.
4. Courses with (UE) are approved subjects for University Entrance.

ACCOUNTING LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Accounting.

Course Content:

The focus is on Management Accounting which is a change from the Level 1 Commerce and Level 2 Accounting courses.

Partnerships, Companies and Manufacturing entities are studied. A practical approach is adopted to making business decisions based on Financial Information. Budgeting and Cash-flow provide a basis to business planning. The course is divided into five strands: The Conceptual Basis, Decision Making, Processing, Accounting Systems and Accounting reports. Students will gain an appreciation of the business world with particular emphasis on companies. There is a study of a NZ Exchange listed Public Company and an analysis and interpretation of its' latest Annual Report.

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA Level 3. 13 credits are internally assessed, and 9 credits are externally assessed.

AGRICULTURE LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Agriculture, Biology or Economics or English.

Course Content:

The following topics are studied in relation to Lamb and Apples.

- Carry out an investigation into an aspect of a primary product or its production
- Research and report on the marketability of a primary product
- Explain market forces and the relationship(s) between market opportunities and primary products.
- Explain the production process for a nationally significant primary product.
- Analyse a primary production environmental issue.

Assessment:

This course offers a total of 19 credits. 10 credits are internally assessed, and 9 credits are externally assessed. There will also be the introduction of two Agribusiness Centre of Excellence standards to complement current NCEA Agriculture standards. These will be offered to selected students only.

ART – PAINTING, DESIGN, SCULPTURE LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Art or at the discretion of the HOD.

Course Content:

Students choose a course of study from any of the following art disciplines: Painting, Sculpture, Design. All subjects are separate Level 3 subjects. The aims of the courses are to develop practical knowledge and ideas in the Visual Arts. Communicating, interpreting and understanding the Visual Arts in context.

Students will generate, analyse, clarify and regenerate ideas in a body of work in their chosen selected field of study. They will be expected to look at artists' work and research the ways in which art works and art making traditions are maintained, adapted or appropriated.

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA. Eight credits are internally assessed, and fourteen credits are externally assessed in the form of a portfolio. (There is the opportunity to gain four extra credits for those students who opt to enter the research standard.) Some students may be allowed to attempt two of the Art subjects offered.



BIOLOGY LEVEL THREE NCEA

Pre-requisite:

12 credits from any Level 2 specialist Science course. At least four must be from an External Assessment or 14 credits from Level 2 Agriculture. It is strongly recommended that students achieve at a high Level in Level 2 English.

Course Content:

Carry out a biological investigation. Demonstrate understanding of the responses of plants and animals to their external environment. Demonstrate understanding of how animals maintain a stable internal environment. Demonstrate understanding of trends in human evolution. Demonstrate understanding of human manipulations of genetic transfer and its biological implications.

It is less practical in nature than the Level 2 Biology course and many of the other science disciplines. It is a good lead up course to those thinking of sport science, veterinary, agricultural science, medicine and other health related tertiary courses.

Assessment:

This course offers a total of nineteen credits in Achievement Standards towards NCEA Level 3. 10 credits are internally assessed and 9 credits are externally assessed.

CHEMISTRY LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Chemistry. Accelerate Year 10 students who sat NCEA early and gained entry to Level 2 may only move into Level 3 Sciences as Year 12 students if they have Merit endorsement in this subject at Level 2. If they do not, they may take another Level 2 Science or choose another option.

Course content:

- Carry out an investigation in chemistry involving quantitative analysis (Practical based Internal)
- Demonstrate understanding of oxidation reduction processes (Practical based Internal)
- Demonstrate understanding of thermochemical principles and the properties of particles and substances
- Demonstrate understanding of the properties of organic compounds

Assessment:

This course offers a total 20 credits in Achievement Standards towards NCEA Level 3. 7 credits are internally assessed, and 15 credits are externally assessed.

CLASSICAL STUDIES LEVEL THREE NCEA

Pre-requisite:

14 credits in Level Two Classics or History or English.

Course Content:

Classical Studies is understood as the study of the civilisations of classical Greece and Rome without the study of the classical languages, Greek and Latin. Classical Studies includes studies in History, Art and Literature. Specific topics studied in Level 3. Students will study three topics.

- A. Greek: Alexander the Great and Greek Vase painting.
- B. Roman: Virgil's Aeneid Roman: Architecture

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA Level 3. 12 credits are internally assessed, and 10 credits are externally assessed.

DIGITAL INFORMATION TECHNOLOGY LEVEL 3 NCEA

Pre-requisite:

None at this level.

Course Content:

This course strongly emphasises student inquiry and agency, empowering learners to take charge of their learning and explore project-based learning.

Students immerse themselves in the game development world, where imagination and innovation are their greatest assets. Learners transform ideas into awe-inspiring results using business-level applications and harnessing the power of design thinking and inquiry processes.

A focus is on web development and unleashing creativity by building dynamic websites that deliver unforgettable user experiences. Alternatively, they can venture into the captivating realm of game development with Unity, where they craft mesmerising virtual landscapes and even delve into VR to create immersive experiences.

In this inquiry learning class, students collaborate with classmates, embrace teamwork and share ideas as they tackle challenges. With a strong focus on student agency, learners shape their learning journey and produce cutting-edge products.

Assessment:

We offer a total of 24 credits towards Level 3 NCEA. There are 20 internally assessed and 4 externally assessed Achievement Standard credits.

EARTH AND SPACE SCIENCE LEVEL THREE NCEA

Pre-requisite:

14 Achievement Standard credits from Level 2 Earth and Space Science or 12 achievement standard credits in either Level 2 Biology, Chemistry or Physics.

Course Content:

This course explores the subject areas of Astronomy and Earth Systems Science. It integrates concepts and principles from Physics, Chemistry, Biology and Physical Geography. It allows Level 2 Earth and Space Science students to continue their studies and allows others to join from different branches of Science. Organisation of the course: Students will study the following topics:

- Earth Systems (Externals)
Earth's Atmosphere and Ocean Systems.
- Astronomy (Internals)
Modelling asteroid impacts (practical investigation)
Researching Near Earth Objects
Investigating new astronomical discoveries, such as NASA's New Horizon mission

Assessments:

This course offers a total of 20 credits in Achievement Standards towards NCEA Level 3. 12 credits are internally assessed and 8 are externally assessed.

ECONOMICS LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Economics.

Course Content:

The general aim of this course is to enable students to attain a level of economic literacy and understanding which would allow them to develop a continuing and critical interest in contemporary economic issues.

The course is divided into three sections:

Section A - Resource allocation via market system. This involves the understanding of the key ideas in the operation of the market system and how decisions are made.

Section B - Resource allocation via the public sector. This involves the understanding of the government's role in allocating resources.

Section C - Aggregate economic activity and policy. This involves the understanding of the workings of the economy as a whole, and the effects of government policies.

Assessment:

This course offers a total of 20 credits in Achievement Standards towards NCEA Level 3. 10 credits are internally assessed and 10 credits are externally assessed.

ENGLISH LEVEL THREE NCEA

Pre-requisite:

14 Achievement Standards credits in Level 2 English.

Course Content:

Specific skills to be examined are:

- Reading skills – close reading of unseen prose and poetry texts.
- Writing skills – two pieces of writing, minimum 600 words.
- Produce a major research unit on a specialized literature OR a specialized language topic.
- Deliver a 6 minute presentation using visual and oral skills, on a topic involving language OR literature research OR complete a dramatic presentation with a commentary.
- Write extended appreciation of a literature text (or texts, depending on length), chosen from ONE of:
 - a) novel
 - b) short story
 - c) poetry
 - b) non-fiction

Write extended appreciation of a visual text, chosen from feature film or television drama or documentary.

Assessment:

This course offers a total of 21 credits in Achievement Standards towards NCEA Level 3. 12 credits are internally assessed and 8 are externally assessed.

VOCATIONAL ENGLISH LEVEL THREE NCEA

Pre-requisite:

This course is designed as part of the Vocational Pathway. It is suitable for students who have gained 10-13 credits at Level 2 English, and those students who took Level 2 Vocational English the previous year. Students who gained 14 or more credits at Level 2 English and would like to continue with English, but not the traditional literature-based class, may enrol in this course at the discretion of the Head of Department.

Course content:

Students will focus on continuing their Vocational Pathway, completing Unit and Achievement standards. This course does not offer University Entrance, but students main gain University Entrance literacy.

Assessment:

All credits are internally assessed.

GATEWAY

Aimed at Year 12 and 13 students

Pre-requisites:

A proven attitude and work ethic in previous year. Entry to course by application only. Application forms are available Week 8 of Term 3 and are due in at the end of Term 3. Applicants are notified by end Week 1 Term 4.

What the Course involves:

The student will attend his industry work placement one day a week. For the remainder of the week the student will be in his Gateway period working on his industry-based unit standards or catching up on work missed while he was on his placement. Electrical, building agriculture, plumbing and hospitality are common industries that boys pursue. The past ten years of Gateway at NBHS has proven the work placement will often lead to an apprenticeship, direct employment or further industry related Tertiary study. There is a financial contribution toward travel and work gear needed for their placement. Contracts are signed between parents, employers and the student to ensure the student satisfies the responsibilities and expectations of this unique subject.

Assessment:

Industry based assessments at Level 2 and 3. Depending on the industry, as many as 20 Unit Standard credits are available.

*Year 13 students wanting to enrol in Gateway must select this as their 'sixth' subject.

HOSPITALITY

LEVEL THREE – NCEA (unit standards)

Prerequisites:

14 credits at Level 2 Hospitality and completion, but students will be entered at the discretion of the HOD.

Course Content:

Students will work alongside qualified chefs to cover Level 2 and 3 NZQA Hospitality Units. This will enable the students to gain valuable life skills and gain Unit Standards at Level 2 and 3 that can be credited towards a Catering qualification should they wish to study Professional cookery and Hospitality. The course includes the following standards:

- Demonstrate knowledge of Coffee origin and production
- Demonstrate knowledge of Commercial Espresso Coffee equipment and prepare Espresso coffees under supervision
- DKO hot and cold desserts in a commercial kitchen
- Prepare, Assemble and Present Complex sandwiches for Service in a Commercial kitchen
- Prepare & Cook Rice & other Farinaceous Dishes in a Commercial kitchen
- Demonstrate knowledge of culinary products and terms

Students are required to participate in various catering events during the year.

Assessment:

22 Level 3 and 4 Unit Standards and additional standards towards a Catering / Chefs qualification. Course Costs: There is a \$150.00 fee to cover cooking ingredients to be confirmed.

GEOGRAPHY LEVEL THREE NCEA

Pre-requisite:

14 credits in Level 2 Geography which must include at least one external, or at the discretion of the HOD.

Course Content:

Level 3 Geography covers the topics listed below:

Topic 1: Analyse natural processes in the context of a geographic environment

Students gain an awareness of the natural processes that create a range of geographic environments. Students will study their local Hawkes Bay coastal area as their case study.

Topic 2: Demonstrate understanding of a given environment through a selection and application of Geographic concepts and skills.

Internal assessments will include geographic research, applying spatial analysis to solve a geographic problem, analysis of a contemporary geographic issue and analysis of a global geographic topic.

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA. 14 credits are internally assessed and eight are externally assessed. Level 3 Geography allows students to gain University Entrance through 14 internally assessed achievement standards.

GRAPHICS - Design and Visual Communication LEVEL THREE NCEA

Pre-requisite:

14 credits in Level Two Graphics

Course Content:

We will be working in both Spatial Design and Product Design. This allows options and encourages diversity in your Graphics practice. Where possible, design topics are real.

Assessment:

This course offers a total of 22 credits in Achievement Standards towards NCEA. 12 credits are internally assessed and ten are externally assessed. Internal and External assessment is by portfolio. Scholarship is available in this subject.

HISTORY LEVEL THREE NCEA

Pre-requisite:

14 credits in Level 2 History, Geography, Classics, or Economics, thereafter at the HOD's discretion.

Course Content:

A Survey of American History – with a Focus on the Civil War

- 'Imperial' America?: The US and its Cold War conflicts in Korea, Vietnam and Iraq
- British North America and the origins of the Founding Fathers' Republic
- The emergence of two American nations: North v. South, and the fault-line of Slavery
- Divided loyalties: Union, Confederacy or State? The cases of Abraham Lincoln, Jefferson Davis and Robert E. Lee.
- Was the victory of the Northern states inevitable?
- The South lost the Civil War in the 1865 – or did it?
- Is America the 'Exceptional' nation? A re-examination of its intents and actions, at home and abroad

Assessment:

The course offers a total of 26 credits towards NCEA.

JAPANESE LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Japanese.

Course Content:

In Level 3 students will study a further four topics in depth. These are:

- Land and People
- Communications and the Media
- Travel and Tourism
- Japan at Work

In addition to the 75 Kanji that students will already know from Level 2, a further 125 Kanji will be studied.

Assessment:

This course offers a total of 24 credits in Achievement Standards towards NCEA Level 3. 14 credits are internally assessed and ten credits are externally assessed.

MATHEMATICS WITH CALCULUS LEVEL THREE NCEA

Pre-requisite:

12 or more credits from the Mathematics 201 course, including one of the external standards, either Algebra or Calculus. Entry may be at the HOD's discretion.

Course Content:

This is a specialised course for those wishing to pursue tertiary study in areas such as Mathematics, Physics, Technology, Engineering and Economics. This course includes complex numbers, trigonometry, differentiation and integration.

Assessment:

This course offers a total of 21 credits in Achievement Standards towards NCEA Level 3. Four credits are internally assessed and 17 credits are externally assessed.

MATHEMATICS WITH STATISTICS LEVEL THREE NCEA

Pre-requisite:

12 or more credits from the Mathematics 201 course or 12 or more credits from 202, which must include the Probability external, or at the HOD's discretion.

Course Content:

This is a general course for students going on to tertiary study. This course includes probability and continues on from content at Level 2. Probability is split into two topics: concepts and distributions. Both are externally examined. There are three internals, these are a continuation of the Statistics topic at Level 2. The topics are Time Series, Bivariates and Inference.

Assessment:

This course offers a total of 20 credits in Achievement Standards towards NCEA Level 3. 12 credits are internally assessed, and eight credits are external. The 12 internal credits all use computers to analyse data, then require a multipage written solution to a set question.

GENERAL MATHEMATICS LEVEL THREE NCEA

Pre-requisite:

12 or more credits from the Mathematics 201 or 202 course or at the HOD's discretion.

Course Content:

This is a general Mathematics course designed for students looking to gain University Entrance. The course includes trigonometry, conics, simultaneous equations, linear programming and critical path analysis.

Assessment:

This course offers a total of 15 credits in Achievement Standards towards NCEA Level 3. All 15 credits are internally assessed.

MUSIC LEVEL THREE NCEA

Pre-requisite:

Students taking this course will need to have gained at least 14 credits in NCEA Level 2 Music or have equivalent knowledge of music as judged by HOD Music. It is compulsory for all students to take regular instrumental or vocal tuition at school or private, even if they do not sit performance standards. As senior Music students, they will participate in extra-curricular music groups, such as: School Band, Pipe Band, Choir, Barbershop or own rock or chamber groups.

Course Content:

Level 3 Music will be encouraged to design their own course. Their course will consist of standards focusing on composition, performance or music studies. Students can specialize in one of these three areas or complete a combination of Achievement Standards from various strands. Achievement Standards on offer are:

- Perform two programmes of music as a featured soloist
- Perform a programme of music as a featured soloist on a second instrument
- Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group
- Communicate musical intention by composing three original pieces of music
- Research a music topic Create two arrangements for an ensemble
- Examine the influence of context on a substantial music work (External)
- Demonstrate understanding of harmonic and tonal conventions in a range of music scores (External)

This is a challenging course in which students will master music literacy skills through composition and arrangement, develop understanding of context through analysis of music works, as well as equipment and ICT. They will also be encouraged to perform as opportunities arise at school and in the community, such as: School Productions, Super 8 Cultural Competitions, The Big Sing, Smokefree Rockquest, Play it Strange Song writing Competition, Chamber Music Competition, Pacifica Beats and others.

Assessment:

The course consists of up to 42 credits in total (8 from External Standards) contributing towards the National Certificate. Students will be offered up to 24 credits from the available standards and work on an individually designed course schedule for the remainder of the year. Students are encouraged to continue with their work towards ABRSM performance and theory examinations.

CORE PHYSICAL EDUCATION LEVEL THREE - NCEA

Pre-requisite:

14 credits in Level 2 Physical Education or at HOD's discretion.

Course Content:

The course consists of five modules of work and contributes 19 credits towards the National Certificate. Each will last approximately 6 -8 weeks with some overlap between modules. Achievement Standards require the completion of both theory and practical components of work.

This is a challenging course in which students will master music literacy skills through composition and arrangement, develop understanding of context through analysis of music works, as well as equipment and ICT. They will also be encouraged to perform as opportunities arise at school and in the community, such as: School Productions, Super 8 Cultural Competitions, The Big Sing, Smokefree Rockquest, Play it Strange Song writing Competition, Chamber Music Competition, Pacifica Beats and others.

Assessment:

The course consists of up to 42 credits in total (8 from External Standards) contributing towards the National Certificate. Students will be offered up to 24 credits from the available standards and work on an individually designed course schedule for the remainder of the year. Students are encouraged to continue with their work towards ABRSM performance and theory examinations.

PERFORMANCE PE LEVEL THREE - NCEA

Pre-requisite:

This course is for students who did not pass the Core Physical Education Level 2 course and for those continuing their education from Level Two Performance PE course.

Course Content:

This course is a practically based programme that is focussed on athlete development. Students will develop their own individualised training programmes (with support) focused on their chosen sport. Students will learn about periodisation alongside the key principles and methods of training. Sports nutrition will also be a key part of this program gaining knowledge on the importance of our diet in achieving optimal well-being. As part of developing the athlete this course will also focus on leadership with a community focus. Students will develop communication and self-management skills through coaching and/or officiating.

Assessment:

This course offers only 4 credits. AS 3.4 Demonstrate a quality performance of a physical activity in an applied setting (4 credits) - internal

PHYSICS LEVEL THREE NCEA

Pre-requisite:

14 credits in NCEA Level 2 Physics. Accelerate Year 10 students who sat NCEA early and gained entry to Level 2 may only move into Level 3 Sciences as Year 12 students if they have Merit endorsement in this subject at Level 2. If they do not, they may take another Level 2 Science or choose another option.

Course Content:

- Mechanics - linear, rotational and oscillatory motion, forces, inertia and energies. E
- Electromagnetism - DC circuit analysis, magnetic induction, AC circuits and reactance resonance.
- Atomic Physics - photons and atomic energy levels, fission and fusion, nuclear processes.

Assessment:

This course offers a total of 19 credits in Achievement Standards towards NCEA Level 3. Seven credits are internally assessed, and twelve credits are externally assessed.

TECHNOLOGY - COMBINED MATERIALS LEVEL THREE - UNIT STANDARDS

Pre-requisite:

14 credits in at least one of the Level 2 workshop subjects.

Course Content:

Practical based course improving on skills gained at Level 1 and Level 2 DCT using range of materials and techniques used in industry to produce real world projects

Assessment:

This course offers 18 credits at Level 3, which are all internally assessed.

TECHNOLOGY-ENGINEERING LEVEL THREE - NCEA

Pre-requisite:

14 credits in at least one of the Level 2 workshop subjects.

Course Content:

Extended development of all engineering skills.

Assessment:

This course will be assessed using Unit and Achievement Standards. The course offers at least 20 credits at Level 3 all of which are internally assessed. This course does not allow students to gain University Entrance.

TECHNOLOGY- WOOD WORK LEVEL THREE – NCEA

Pre-requisite:

14 credits in at least one of the Level 2 workshop subjects.

Course Content:

This course builds on the skills developed in previous years. It focuses on furniture making skills to produce a student designed project to meet a specific brief.

Assessment:

This course will be assessed using Unit Standards at NCEA Level 3 which are internally assessed.

TRADES through EASTERN INSTITUTE OF TECHNOLOGY *This course is primarily aimed at: Year 12 & 13 students.*

Pre-requisites:

Level 1 NCEA including Literacy and Numeracy.

What the course involves:

It involves being at E.I.T. two days per week. Students have a Trade line at school on their timetable to catch up with their mainstream subjects. Students undergo practical and theory-based learning at E.I.T.

Assessment:

Internal assessment based on Theory and Practical work. Credits offered are between 20 -24 Unit Standards.

Courses Available:

Agriculture, Animal Care, Automotive, Bakery, Building & Construction, Business Enterprise, Computer Technician, Computer Technology, Engineering, Hair and Beauty, Health & Fitness, Horticulture, Hospitality, Integrated Primary Industry Skills, Integrated Trade Skills, Te Toi Whanake, Toi Whaikairo and Tourism & Travel.

*Year 13 students wanting to enrol in Trades must select this as their 'sixth' subject.



TE REO MĀORI LEVEL THREE NCEA

Pre-requisite:

At least 12 credits in Level 2 NCEA Te Reo Māori. However, entry can be granted with the approval of the Head of Māori Studies.

Course content:

One emphasis of this course is the refinement and consolidation of the four language skills – reading, listening comprehension, verbal and written expression in several contexts such as Language Revitalisation, Hākinakina, Pakanga Māori and the Traditional Māori Arts. Another emphasis is the consolidation of karakia, Māori Performing Arts, Traditional Māori games, myth and legends. Furthermore, the opportunity to explore kawa, tikanga marae and whaikōrero will be offered.

Assessment:

This course is through Achievement Standards in each of these areas. Several Unit Standards are also offered to embellish their learning. This course offers a total of 28 credits in Achievement Standards. There are 16 credits that are internally assessed, and 12 credits that are externally assessed.

TIKANGA LEVEL TWO AND THREE NCEA

Pre-requisite:

Completion of the Year 9 and Year 10 programme or a good knowledge base of Te Ao Māori is recommended. Entry can also be granted with the approval of the Head of Māori Studies.

Course content:

The emphasis of this course is the exploration and development of knowledge skills around Māori Culture, History and the Traditional Māori Arts.

Assessment:

This course is predominantly Unit Standard based, with several Achievement Standards offered. This course offers a mixture of approximately 20 Level 2 and Level 3 Unit Standards and Achievement Standards. This course is internally assessed only.

TOURISM LEVEL THREE – NCEA

Pre-requisite:

Level 2 NCEA.

Course Content:

Students will get the opportunity to study aspects of the travel and tourism industry. The course involves looking knowledge about the tourism industry and destinations with New Zealand and Australia. All work is covered is internally assessed by Travel and Tourism Unit Standards.

Assessment:

This course is assessed using Unit Standards and offers a total of 26 NCEA Level 3 credits.

TE KURA CORRESPONDENCE SCHOOL LEVEL THREE – NCEA

Pre-requisite:

Students must have demonstrated good work habits and the ability to ‘manage self’ at Level Two. Further, they must demonstrate sufficient proficiency to think, learn and understand the content of the related Level 3 course. For example, they have studied this at another school or in the preceding year. The proposed course must be unavailable at Napier Boys’ High School. Students must apply to the Senior Master – Curriculum for entry to a Te Kura course.

Course Content:

Te Kura is a state-funded distance education provider. Te Kura offers a range of courses, delivered online. Students can apply to enroll for a specific course that is not offered at Napier Boys’ High School. Course information is available here: <https://www.tekura.school.nz/subjects-and-courses/>

Assessment:

The available number of credits will depend on the course. Courses will involve internal and external assessments. Students enrolled with Te Kura must be complete all coursework to maintain their enrolment.

*Year 13 students wanting to enrol in Te Kura must select this as their ‘seventh’ subject selection.





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Napier Boys' High School
Chambers Street, Te Awa, Napier
Phone: (06) 833 5900
Email: nbhs@nbhs.school.nz