



Kristin

SENIOR SCHOOL

FUTURE READY

Senior School Course Guide 2017



Foreword

Senior School students at Kristin are in a position where their choices may not only influence that year, but the direction of their remaining time at the school and beyond. As such, these important choices are not viewed lightly and we ensure that all students have individual advice and guidance available at all times.

We are very proud at Kristin of both the wide range of academic choices and pastoral support that we offer to all students. Kristin was one of the first New Zealand schools to offer a dual curriculum pathway for senior students and this is a philosophy that we still consider central to our values – maximising choices for students and allowing them to flourish. During Year 11, students follow an NCEA course which prepares them to decide on whether to follow the International Baccalaureate Diploma Programme in Years 12 & 13 or NCEA Level 2 & 3. Both of these pathways allow students to gain places on tertiary courses at top universities throughout the World. Throughout these decisions, all students are fully supported by their House Deans and the Senior School Leadership team who have responsibility for the Tertiary Futures programme, the International Baccalaureate and NCEA. This results in an individualised programme of support and guidance to assist students along their chosen pathway through the Senior School and beyond.

Kristin Senior School sets very high expectations in all areas. As a student progresses through the school they will be treated as a young adult, taking greater responsibility for their actions and be increasingly accountable for their academic progress. Whilst contact with parents remains important, initial discussion of any concerns will, in the first instance, take place with the student. Deans and teachers are always available to respond to queries raised by parents regarding a student's progress.

It is my unbiased view that Kristin's teachers offer our students access to some of the highest quality teaching and learning available anywhere in the World and this has been supported by the levels of success and achievement enjoyed for many years. This paired with the advice and guidance on pathways offered through the Tertiary Futures programme is unequalled in any other New Zealand school. The education at Kristin is not limited to the academic, but also involves preparing students to deal 'head on' with the challenges and pressures they will face after leaving.



David Boardman
Senior School Principal

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Lily Wigglesworth Year 12, 2016

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NCEA Physical Education	Brent Goldsworthy
Outdoor Education	Jonathan Taylor
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Health	Irene Cranstoun

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Deputy Principal (Senior School).....	Geoff Burge
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Assistant Principal (Senior School)	Debbie Dwyer
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Introduction

The aim of this handbook is to inform parents and students of the subjects and options which will be offered in the Senior School in 2017.

All courses listed in this book are subject to the following conditions:

- Some courses may not run because of insufficient numbers
- Given the large number of courses we offer, it is not always possible to accommodate every combination of subjects. We work hard to minimise the number of clashes but occasionally they do occur
- Entry into any course or combination of courses is subject to Curriculum Manager approval and final confirmation by the House Dean. Students who meet the stated prerequisites normally have automatic entry into that course
- The information contained in this book is as up to date as possible but may change due to staffing availability

Advice and Guidance

Advice and guidance to assist families of senior students with course selection for 2017 will be offered at the **Academic Pathways and Tertiary Futures Evening** early in Term 3. Details of the format of this evening will be mailed to families at the end of Term 2.

In addition, all senior students will be interviewed individually as part of their on-going Academic Mentoring during Term 3 to discuss their academic progress to date and future tertiary pathways.

General Guidelines

In selecting subjects at each level, we recommend that students keep in mind the following guidelines:

- Maintain a broad range of subjects for as long as possible
- Choose subjects that build on interests, skills and areas of strength
- Consider prerequisites for future years of study
- Seek advice. There are many people at Kristin who are able to provide advice on subjects and tertiary planning. In addition to subject teachers, these include House Deans, Curriculum Managers and specialist advisers listed earlier in this handbook.

Change of Subject

Students must enter a course by 1 March (unless transferring from a comparable subject at another school). No student is permitted to change class without prior consultation with the House Dean.

The 'Wider' Curriculum

This handbook deals primarily with the formal arrangements for subjects and courses in the Senior School. The curriculum, however, must be regarded as all activities that the school offers. Some of the aspects of the curriculum, apart from academic, include:

Sport

At Kristin, we offer a wide range of summer and winter sports, both team and individual. Sporting highlights include mid-week sports exchanges and the opportunity to be selected and to play for Kristin in the wider Auckland competitions. These may be during the school week, after school or into the evening with Saturday being the traditional sports day.

Cultural Activities

Kristin has a strong reputation in the Performing and Visual Arts and offers many opportunities each year for student talent to be showcased in school productions, concerts, competitions and exhibitions.

For students requiring instrumental or vocal tuition, lessons with visiting Music teachers can be arranged for during the school day.

Inter-cultural awareness is encouraged both within the formal curriculum and through the activities of such groups as the UNESCO Club and International Committee.

Leadership

The opportunity to learn and practise leadership skills is one of the most important aspects of the Senior School. The school operates on the belief that leadership is service and encourages all students to accept the challenge to lead. Students who wish to assume a leadership role at Kristin understand that in doing so they are committing themselves to working for other people. Opportunities for leadership in the Senior School include: Prefectship, House Captains, the Senior Committees, House Councils, coaching and peer tutoring.

Library Information Centre

The library provides teaching, study, reading and research facilities for all students. All aspects of the formal curriculum are supported by its resources with particular emphasis being put on information-retrieval skills and the encouragement of good reading habits.

Camp Week

All Kristin students from Year 3 to 13 attend camps for up to one week each year. Camps develop social skills, provide a range of challenges and problem-solving activities which cannot be offered in the formal curriculum and help students develop self-reliance. Camp Week is an integral part of the Senior School programme. Each year-level camp is themed to ensure students develop a progression of skills as they move through the school.

Student Support in the Senior School

Senior students are encouraged to develop the skills necessary to become independent learners. However, they still require pastoral support throughout their senior studies. Monitoring, advice and guidance for seniors is co-ordinated by the House Dean. The House Dean is the first contact for students and their parents should concerns arise about any aspect of senior schooling. A team of specialist pastoral staff also exists to respond to the needs of individual students. These include:

- Assistant Principal responsible for Tertiary Futures
- Principal's Nominee to the New Zealand Qualifications Authority (NZQA)
- International Baccalaureate (IB) Co-ordinator
- Learner Support staff
- Director of International Student Services
- School Counsellors
- Head of Enhanced Learning

Academic Mentoring

As an important part of the Senior School experience, every Senior School student participates in a series of one-on-one academic mentoring sessions with their House Dean. The purpose of this is to help individual students plan their academic pathway through the Senior School in a way that prepares them effectively for their chosen tertiary future.

During the academic mentoring sessions students, with guidance from their Dean, develop a personalised academic plan tailored to their individual competencies, skills and aspirations. The sessions primarily focus on academic goal setting as well as identifying strategies to help students achieve them.

If you have any questions about the Senior School's academic mentoring programme, please feel free to contact your child's House Dean.

Enhanced Learning

The enhanced learning structure covers support and extension programmes. Our objective is to ensure that all students are supported in reaching their potential across all aspects of their academic, social and creative development, irrespective of whether the student is struggling with some aspect of their learning or requires advancement, extension or enrichment. This process involves extensive collaboration between teaching and specialist staff, the students themselves, and their families, and is focused on ensuring that the appropriate level of support is in place at each stage of a student's academic journey. When it is identified that additional support may be of benefit, the student's Dean will refer the student to the Enhanced Learning team, in consultation with the family. Parents who recognise areas where their child is struggling at school, or where they feel extension may be required, are encouraged to contact their Dean.

English Language Acquisition

Classes are provided at all levels for students for whom English is not their first language.

Preparation and Study

Preparation (homework) and independent study are important aspects of school life. In Year 11 to 13, we would expect students to be engaged in a minimum of two hours of preparation each night. In order to assist them with the organisation of their preparation and to help them develop strong study skills, the school issues students with a Senior Diary. This should be used daily for the recording of tasks and assignments and is a key aid in communicating work set to parents.

Examinations and Reports

Two sets of internal examinations are held during the year in the Senior School. Full reports are written following these in Terms 2 and 4.

Student results can be viewed on myChild: kristin.school.nz/mychild

Parent/Teacher interviews scheduled late in Term 1 and late in Term 2 provide opportunities for parents to discuss their child's progress with subject teachers.

Year-level Requirements

Year 11

Students in Year 11 work towards completing the National Certificate of Educational Achievement (NCEA) Level 1 Certificate. To do so, they must accumulate at least 80 credits at Level 1 including ten credits from English and ten credits from Mathematics.

All students take English, Mathematics and Science and a core programme of Physical Education, Health and Approaches to Learning. Three other subjects are chosen from those offered at New Zealand Qualifications Framework (NZQF) Level 1 (unless the student has been accelerated in Year 10 and met the prerequisites for study at a higher level). See subjects listed below.

The list below shows options available to Year 11 students. This is the list on the Course Intentions Form. The presence of an option in this list does not guarantee that the course will run. It is not possible to provide every possible combination of subjects listed.

Art	Geography
Business Studies	Graphics
Chinese	History
Dance	Japanese
Digital Technology	Media Studies
Drama	Music
Economics	Physical Education (Option)
English Language Acquisition	Spanish
French	Technology (Hard)
Further Science	Technology (Soft)

Students whose first language is not English must take English Language Acquisition unless they have written permission from the teacher in charge of English Language Acquisition.

Year 12

Students entering Year 12 choose between NCEA, primarily at Level 2, and the International Baccalaureate (IB) Diploma.

Admission to IB and Level 2 courses requires students to have met individual subject prerequisites. Kristin is committed to students learning at the level appropriate to their ability and some students may be advised to study subjects at a different level. Final approval of a student's course rests with the House Dean.

It is school policy for all students in Year 12 to take six subjects, including English, in addition to Theory of Knowledge for IB Diploma students, or Physical Education and Health for NCEA students.

New Zealand Qualifications Framework (NZQF)

Students work towards gaining the NCEA Level 2 Certificate. To do so they must accumulate 80 credits, of which 60 must be at Level 2 or higher.

Students intending to continue into Year 13 must ensure that their choice of subjects at Year 12 will lead to a valid course of study at that level.

The list below shows options available to Year 12 NZQF students. This is the list on the Course Intentions Form. The presence of an option in this list does not guarantee that the course will run. It is not possible to provide every possible combination of subjects listed.

Art	English	Media Studies
Biology	English Language Acquisition	Music
Business Studies	French	Outdoor Education
Chemistry	Geography	Photography
Chinese	Graphics	Physical Education (Option)
Classical Studies	Health	Physics
Dance	History	Spanish
Digital Technology	Japanese	Technology (Food)
Drama	Mathematics	Technology (Hard)
Economics	Mathematics Applied	Technology (Soft)

Students whose first language is not English must take English Language Acquisition unless they have written permission from the teacher in charge of English Language Acquisition.

International Baccalaureate (IB)

Students who take the IB Diploma course in Year 12 should regard this as a two-year commitment and are normally expected to continue with the Diploma Programme in Year 13. However, those whose attainment in Year 12 appears insufficient to meet Diploma requirements may be advised otherwise.

Specific requirements for the IB programme are outlined on page 52 of this handbook.

The list below shows options available to Year 12 IB students. This is the list on the Course Intentions Form. The presence of an option in this list does not guarantee that the course will run. It is not possible to provide every possible combination of subjects listed.

Studies in Language and Literature (Group 1)

Chinese A Language and Literature

English A Language and Literature

English A Literature

Korean A Literature

Language Acquisition (Group 2)

Mandarin B

English B

French B

Japanese B

Japanese ab initio (SL)

Spanish ab initio (SL)

Spanish B

Individuals and Societies (Group 3)

Business Management

Economics

Environmental Systems and Societies (SL)

Geography

History

ITGS

Psychology

Experimental Sciences (Group 4)

Biology

Chemistry

Environmental Systems and Societies (SL)

Physics

Sports, Exercise and Health Science

Computer Science

Mathematics (Group 5)

Mathematics (HL)

Mathematics (SL)

Mathematics Studies (SL)

The Arts (Group 6)

Dance

Music

Theatre Arts

Visual Arts

Year 13

Students entering Year 13 continue with NZQF qualifications, primarily at Level 3, or the second year of the IB Diploma programme.

It is school policy for students in Year 13 to take five or six subjects, in addition to Theory of Knowledge or Personal Skills.

At this level, the majority of students are focused on gaining University Entrance, the requirements for which are outlined in the Planning your Tertiary Future section of this handbook.

New Zealand Qualifications Framework (NZQF)

To gain the NCEA Level 3 Certificate, students require 80 credits, of which 60 must be at Level 3 or higher.

Admission to Level 3 courses requires students to have met individual subject prerequisites. Kristin is committed to students learning at the level appropriate to their ability and some students may be advised to study subjects at a different level. Final approval of a student's course rests with the House Dean.

The list below shows options available to Year 13 NZQF students. This is the list on the Course Intentions Form. The presence of an option in this list does not guarantee that the course will run. It is not possible to provide every possible combination of subjects listed.

Biology	ESOL	Outdoor Education
Business	French	Painting
Calculus	Geography	Photography
Chemistry	Graphics	Physical Education (Option)
Chinese	Health	Physics
Classical Studies	History	Statistics
Dance	Digital Technology	Technology (Food)
Drama	Japanese	Technology (Hard)
Economics	Media Studies	Technology (Soft)
English	Music	

There are no compulsory subjects at Year 13, although students whose first language is not English must take ESOL unless they have written permission from the teacher in charge of ESOL.

International Baccalaureate

The IB Diploma is awarded to students who gain at least 24 points (providing they meet the conditions outlined in the 'Diploma Programme General Regulations') and have satisfactorily completed Theory of Knowledge, Extended Essay and Creativity, Action and Service (CAS) requirements.

Students who have completed the first year of the IB programme in Year 12 are normally expected to continue with this course in Year 13. However, those whose attainment in Year 12 appeared insufficient to meet Diploma requirements may be advised otherwise.

New Zealand Qualifications Framework (NZQF)

NCEA Achievement Standards and Unit Standards

The National Certificate of Educational Achievement (NCEA)

NCEA is the main qualification in New Zealand secondary schools and is part of the New Zealand Qualifications Framework. It is a broad-based qualification that encourages students to develop their particular strengths within a well-rounded general education.

NCEA is a standards-based qualification. This means that students are assessed against a set of predetermined standards or criteria.

Each subject comprises a mixture of internally and externally assessed **Achievement Standards (AS)**. This allows skills and content to be assessed in the most appropriate way. A student is awarded one of the following grades for each standard: Achieved (A), Achieved with Merit (M), Achieved with Excellence (E) or Not Achieved (N). Each Achievement Standard carries with it a set number of 'credits'. The number of credits is fixed and does not depend on the grade at which the student achieves.

Certificate Endorsement

If a student gains 50 or more credits at Merit or Excellence level during the course, their certificate is Merit Endorsed. If they gain 50 or more credits at Excellence level their certificate is Excellence Endorsed.

Subject Endorsement

If a student gains 14 or more credits at Merit or Excellence level during the course of a years study, that subject is Merit Endorsed. If they gain 14 or more credits at Excellence level that subject is Excellence Endorsed.

Internal Assessment and Regulations

All internal assessment for NZQF is moderated to ensure that assessment will be carried out consistently both within the school and throughout the country.

Students are expected to adhere to the school's 'Academic Honesty Policy' and the 'NZQF Internal Assessment Procedures' when preparing work for assessment. These documents are issued to students early in Term 1.

Students' Rights of Review

Any request to review a mark must occur within two weeks of the date of return of the marked assessment. A Review of Grade form is available from Mr Burge, the Principal's Nominee to NZQA.

Standards and Credits Offered

All information given in this handbook is correct at the time of writing; however, should there be subsequent changes to the combination of standards offered within a course, parents and students will be notified in writing.

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Visual and Performing Arts

Career Opportunities Include:

Acting, animation, architecture, art, art curating, art education, arts management, art writing, broadcasting, choreography, composing (various), conducting, dance, design (various), directing, film-making, illustration, jewellery, music and music production, performance (various), photography, photo-journalism, teaching and instructing, sculpture, sound recording, video production.

Art

Qualification: NZQF Level 1

Number of credits offered: 26 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Research workbook and practical work
External:	12 credits	Type: Two A1 folio boards of works influenced by established practice

Prerequisites:

This course requires students to have had previous art training (Year 9 minimum).

Course Description:

This course is the foundation for all senior specialist art programmes and covers a range of media from drawing oil painting and printmaking through to mixed media and sculpture. Each year a new theme is set and through the study of different artists and various media the students complete four achievement standards finalising in a two board folio that showcases their best work.

The course provides the students with a broad base on which to develop their creative, critical and lateral thinking skills and to explore all aspects of the visual arts.

Art

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Research workbook and practical work
External:	12 credits	Type: Two A1 folio boards of works influenced by established practice

Prerequisites:

This course requires students to have completed Level 1 Art.

Course Description:

The course at this level is broad based and includes drawing, painting and printmaking.

It is designed to provide students with a varied programme and to give them the opportunity to explore their own direction.

To this end the students choose their own theme and will inform their work through established artists and genre. This will be refined through discussion and critical evaluation.

The students are required to complete two internal achievement standards, with their final works being presented on two A1 folio boards.

This course is the foundation for any specialist Visual Arts subject at Level 3, scholarship or tertiary level.

Painting

Qualification: NZQF Level 3

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Research, workbook and practical work
External:	14 credits	Type: Three A1 folio boards of works influenced by established practice

Prerequisites:

This course requires students to have completed Level 2 Art.

Course Description:

This course offers a specialist painting programme. The aim is to develop students understanding of painting procedures and practices and to apply and extend this knowledge within their own work.

Students choose their own direction and develop their ideas through an in-depth study of both traditional and contemporary models of practice. Their work will culminate in a three-board A1 folio at the end of the year, showcasing their progression of ideas through to finished work.

Photography

Qualification: NZQF Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Research workbook and practical work
External:	14 credits	Type: Two A1 folio boards of works influenced by established practice

Prerequisites:

Students will need a DSLR camera and Adobe Photoshop on their laptop.

Course Content:

Students will learn the basics of the camera, Photoshop, and visual conventions. They will be taught to think visually and to develop their ideas systematically in order to produce a thorough body of work.

Students will select their own idea to explore, and with support and facilitation, experiment with established practice influenced photographs.

Photography

Qualification: NZQF Level 3

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Research workbook and practical work
External:	14 credits	Type: Three A1 folio boards of works influenced by established practice

Prerequisites:

This course requires students to have completed Level 2 Photography.

Course Description:

This course builds on Level 2 Photography and encourages more student thinking and ownership. Students select an idea they wish to investigate and research established photographers that has relevance in idea or conventions. Through analysing established photographers, students are able to adapt new conventions to explore their own chosen idea.

Continuous facilitation and support from the teacher will help clarify, develop, and extend students' ideas into a thorough body of work.

Dance

Qualification: NZQF Level 1

Number of credits offered: 28 from Achievement Standards

Assessment:

Internal:	20 credits	Type: Performance, composition and portfolio
External:	8 credits	Type: Written examination

Prerequisites:

Completion of Year 10 Dance or a strong interest in senior Dance.

Course Description:

This course aims at giving students an understanding of dance in a broad context. It helps students to use and expand their own movement vocabularies, developing safe dance practices in individual, group and pair work.

Students initiate, develop, conceptualise and refine ideas in dance through the creative process of choreography, using a variety of choreographic structures, devices and processes.

They develop performance, creative and analytic skills, make increasingly informed judgements about the value, intentions and qualities of dance works performed by others and explore how the use of technologies influences dance performances.

Students engage in practical and theoretical investigations and explore the purposes of dance within a global context.

Dance

Qualification: NZQF Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	18 credits	Type: Performance, choreography and portfolio
External:	4 credits	Type: Written examination

Prerequisites:

Level 1 Dance with Achieved grades or better in five achievement standards or equivalent previous 1 Dance experience or a strong interest in senior Dance.

Course Description:

This course aims at providing students with the vocabulary, practice and technologies used in different dance forms. Students extend their movement vocabularies and preferences and apply safe dance practices in individual, group and pair work.

Students initiate, develop, conceptualise and refine ideas in dance through the creative

process of choreography. They use a variety of concepts and manipulate the elements of dance to develop works individually and in groups.

They develop the ability to analyse the intentions and qualities of dance works. They engage in practical and theoretical investigations and explore the ritual, social and artistic purposes of dance within a global context.

Dance

Qualification: NZQF Level 3

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal: 18 credits Type: Performance and choreography

External: 4 credits Type: Written examination

Prerequisites:

24 credits in Level 2 Dance or equivalent Dance experience or a strong interest in Dance.

Course Description:

In this course, students explore and use the vocabulary, practice and technologies of different dance forms. Students extend their personal movement vocabularies and preferences and apply safe dance practices in individual, group and pair work.

Students initiate, develop, conceptualise and refine ideas in dance through the creative process of choreography. They use ideas and manipulate the elements of dance to develop sophisticated dance works, supported by the integration of production technologies.

Students develop knowledge and understanding of how dance communicates, is interpreted and evaluated. As performers, they perform and share dance works in a variety of contexts. They respond to, reflect on, analyse and interpret dance, making increasingly informed judgements about the value, intentions and qualities of dance works performed by others. They further develop their skills to use production technologies in support of their choreographic intention.

Drama

Qualification: NZQF Level 1

Number of credits offered: minimum of 18 from Achievement Standards

Assessment:

Internal: minimum of 14 credits Type: Performance and portfolio

External: minimum of 4 credits Type: Written examination

Prerequisites:

Year 10 Drama or a strong interest in Drama.

Course Description:

Students study the elements and conventions of drama and develop their drama techniques. They work in groups to devise performance pieces and script work. Students apply knowledge of a drama/theatre form or period through developing a role in a presentation. They develop a technical, performance or acting role in a small-scale production. Students will also have the opportunity to research an important New Zealand play. Students must keep a portfolio outlining their understanding and reflections on the drama processes. An additional optional 8 credits will also be made available to students.

Drama

Qualification: NZQF Level 2

Number of credits offered: minimum of 17 from Achievement Standards

Assessment:

Internal: minimum of 13 credits Type: Performance and written portfolio

External: minimum of 4 credits Type: Written examination

Prerequisites:

18 credits in Level 1 Drama with Merit grades in at least two of the internally assessed achievement standards.

Course Description:

Students apply techniques to a scripted context which will be performed to an invited audience. They structure and perform devised drama using the elements and conventions of drama. Students will also study a drama/theatre form or period and will apply this knowledge through performing a role within a presentation. They will have the opportunity to direct and/or script a drama for performance. They will keep a detailed portfolio for each achievement standard applying knowledge of, and making judgements about, drama processes and performance.

Note: Due to the alternative pathways available in this subject, up to 25 credits may be taken by some students.

Drama

Qualification: NZQF Level 3

Number of credits offered: minimum of 18 from Achievement Standards

Assessment:

Internal: minimum of 14 credits Type: Performance and written portfolio

External: minimum of 4 credits Type: Written examination

Prerequisites:

18 credits in Level 2 Drama.

Course Description:

Year 13 Drama aims for a holistic approach, embracing a variety of theatre forms, rich contexts and performance opportunities. This course facilitates the development of students who may wish to pursue a career as actors, directors, designers and scholars, as much as those who wish to develop their performance skills.

Students integrate techniques to communicate meaning in performance of a scripted drama. They use elements and conventions to devise, perform and script individual drama. Students will research, prepare and perform a direction or performance role in a significant production. They will have the opportunity to script and/or direct a play.

Note: Due to the alternative pathways available in this subject, up to 27 credits may be taken by some students.

Music

Qualification: NZQF Level 1

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal: 16 credits Type: Performances, compositions

External: 10 credits Type: Score-reading and Music Works

Prerequisites:

18 This course is open to musicians who have completed Year 10 Music and/or have had at

least two years of instrumental or voice tuition. Other interested students may be admitted following an audition or interview.

Course Description:

This course introduces students to the skills and knowledge required to become a creative and confident performer, composer and listener. Students will learn to create original music using traditional approaches and music technology. They will develop abilities in musical analysis in order to understand and explain music from diverse styles from across the globe and throughout history. Students will develop creative and critical thinking skills, collaborative work skills along with research and self-management.

Music

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Performances, compositions and instrumentation
External:	10 credits	Type: Score reading and music works

Prerequisites:

Successful completion of Level 1 Music (14 credits with Merit grades in at least two achievement standards) and at least three years of instrumental or voice tuition. Other interested students may be admitted following an interview and audition.

Course Description:

This course builds on existing musical skills and knowledge enabling students to develop advanced abilities as performers, composers and listeners. Students will study composition and will produce music using traditional approaches and music technology. They will extend abilities in musical analysis in order to understand and explain music from diverse styles from across the globe and throughout history. Students will extend creative and critical thinking skills, collaborative work skills, research and self-management skills.

Music

Qualification: NZQF Level 3

Number of credits offered: minimum of 20 from Achievement Standards

Assessment:

Internal:	16 credits
External:	4 credits

Prerequisites:

Successful completion of Level 2 Music (Merit in at least two of four achievement standards, including one external) and/or at least three years of instrumental or voice tuition. Other interested students with advanced musical ability may be admitted following an audition or interview.

Course Description:

This course builds on advanced musical skills and knowledge preparing students for participation as performers, composers and musicologists in tertiary study or in the music industry after school. Students will create and perform music using traditional approaches and using music technology. They will extend prior musical knowledge in analysis and will study music from diverse styles from across the globe and throughout history. Students will continue to develop creative and critical thinking skills, collaborative work skills, research and self-management skills.

Technology and Design

Career Opportunities Include:

Technology range includes: animation, app development, construction and engineering, digital and multimedia design, education, fashion, furniture and textile and product design, graphic and interior design, programming.

Graphics

Qualification: NZQF Level 1

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	13 credits	Type: Portfolio based on three class design briefs
External:	9 credits	Type: Portfolio based on sheets from their three design briefs

Prerequisites:

Year 10 Graphics or Technology or Year 10 Art with Year 9 Graphics.

Course Description:

Graphics involves communicating ideas and precise information through drawing. Students use the design process to give directions to others, plan a procedure or system of operation, describe mechanisms, or realistically portray the shape and form of any object.

The course focuses on preparing students to communicate ideas and information around spatial and product design as well as formal graphical drawing skills.

Assessment areas covered are freehand sketching, formal orthographic and pictorial drawings, rendering techniques, the design process, presentation of a portfolio, and modelling.

The course aims to promote the development of inquiry and discrimination skills and encourage initiative, ingenuity and resourcefulness through activities based on real design situations in graphic communication. It provides a variety of design and drawing experiences that will be challenging, creative, useful and enjoyable for students.

Graphics

Qualification: NZQF Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	16 credits	Type: Portfolio based on three class design briefs
External:	12 credits	Type: Portfolio based on sheets from their three design briefs

Prerequisites:

19 credits in Level 1 Graphics. Students must have Achieved grades in AS 1.31, AS 1.32, AS 1.33 and AS 1.35.

Course Description:

This course develops the ability to communicate visually and solve design issues using suitable media methods to display design solutions and is structured around spatial and product design. Students produce a presentation of their design briefs as a final display.

Throughout the course students produce annotated freehand sketches to show design ideas and instrumental drawings to show design decisions. They use recognised drawing

systems and a range of drawing skills and use terminology to explain and communicate their opinion on their design solutions.

Students explore design decisions by producing Computer 3D Modelling and mock-ups that inform design ideas, and a model that demonstrates features of a design solution.

The course gives students opportunities to gain a practical appreciation of the importance of design in improving the quality of people's lives.

Graphics

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	16 credits	Type: Portfolio based on three class design briefs
External:	4 credits	Type: Portfolio based on a class design brief

Prerequisites:

18 credits in Level 2 Graphics. Students must have Achieved grades in AS 2.30, AS 2.31, AS 2.34 and AS 2.35.

Course Description:

This course continues to develop the ability to communicate visually and solve design issues using correct media methods to display design solutions and is structured around design briefs.

Students will develop and communicate critically analysed design solutions to spatial and products briefs. They produce a presentation of their design brief that communicates design ideas using specialised graphics knowledge.

The course aims to promote a higher level of inquiry and discrimination skills through real design situations in a graphic environment.

Hard Technology

Qualification: NZQF Level 1

Number of credits offered: 16 from Achievement Standards

Assessment:

Internal:	16 credits	Type: Workbook and practical work
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Prerequisites:

Year 9 or 10 Technology or Graphics.

Course Description:

The course emphasises the acquisition of skills and knowledge through two practical projects that will take the full year. Students are required to plan and structure their work, which is a key assessment focus. The course provides students with a well balanced, practical course that combines the following skills and knowledge: workshop safety, workshop processes, techniques and tools, metals and wood materials technology, fastening, assembly and welding processes, and design and construction methods. Students will also be required to demonstrate research, drawing, modeling and testing on the way to developing their solutions in a written portfolio. The course emphasises lateral and divergent design development to find suitable solutions. Students need to complete work to a required standard within time constraints. These processes will develop for each student an understanding and awareness of technology within the context of today's environment and society's changing needs.

Hard Technology

Qualification: NZQF Level 2

Number of credits offered: 16 from Achievement Standards

Assessment:

Internal: 16 credits Type: Portfolio and practical work

Prerequisites:

At least 16 credits in Year 11 Technology. Students must have passed achievement grades in AS 1.4, AS 1.20 and AS 1.22.

Course Outline:

The programme challenges students to respond to relevant needs and opportunities to be solved in a workshop situation. It is intended to encourage and challenge students to achieve innovative, dynamic solutions. Students develop and refine their ideas, plan and structure their work, demonstrate research, drawing, modelling and testing skills in order to converge on the most suitable solution. They are required to engage in ongoing evaluation of the development process. Students will plan and construct a small 49cc Pocketbike or motorised vehicle.

Hard Technology

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 16 credits Type: Portfolio and practical work

External: 4 credits Type: Report (optional)

Prerequisites:

At least 16 credits in Level 2 Technology.

Course Description:

This course continues on from Level 2 Technology, extending students to complete work to a higher standard. The programme challenges students to respond to relevant needs and opportunities to be solved in a workshop situation, explore and research a range of possible innovative and dynamic solutions, then develop and refine their ideas to converge on the most suitable solution. They are required to engage in ongoing evaluation of the development process.

Students develop solutions, considering fitness for purpose in its broadest sense. They are required to demonstrate research, drawing, modelling and testing in the development of their solutions. These processes will develop each student's understanding and awareness of technology within the context of today's environment and society's changing needs. The course empowers students to gain an appreciation of technological products and processes, participate in our rapidly changing technological world, problem-solve and think outside the square.

Topics include: in-depth knowledge of materials and their uses, advanced workshop techniques, planning, mastering workshop machinery, writing a design critique report and the ability to develop solutions.

Soft Technology

Qualification: NZQF Level 1

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal: 20 credits Type: Portfolio and practical textiles work based on class design briefs

External: 3 credits Type: Report based on class design briefs

Prerequisites:

Year 10 Technology or approved by the Curriculum Manager of Technology.

Course Description:

The senior technology programme challenges students to respond with innovative, dynamic solutions to relevant needs and opportunities in a workshop situation. Students develop and refine their ideas to converge on the most suitable solution. At this level students are required to engage in ongoing evaluation at all stages of the development process.

Students are required to plan and structure their work, which is a key assessment focus at Level 1. Students will be required to also demonstrate research, drawing, modelling and testing on the way to developing their solutions.

This course involves students designing and making functional and aesthetically pleasing textile-based products, using the design process. This course emphasises lateral and divergent design development to find suitable solutions. Students need to complete work to a required standard within time constraints. Problem solving is a major component of this course. An interest in fashion and the ability to use a sewing machine are essential at this level.

Topics include: machine usage and safety, fashion drawing, commercial patterns, constructing and evaluating an unstructured garment, designing and making a fashion garment.

Soft Technology

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 20 credits Type: Portfolio and practical textiles work

Prerequisites:

At least 16 credits in Level 1 Technology or approved by the Curriculum Manager of Technology.

Course Description:

This course continues on from Level 1 Technology extending students to complete work to a higher standard.

The programme challenges students to respond to relevant needs and opportunities to be solved in a workshop situation. It is intended to encourage and challenge students to achieve innovative, dynamic solutions. Students develop and refine their ideas, plan and structure their work, demonstrate research, drawing, modelling and testing skills in order to converge on the most suitable solution. They are required to engage in ongoing evaluation of the development process.

An interest in fashion and the ability to use a sewing machine are essential at this level. Topics include: innovation with textiles, dyeing, printing and fabric decoration, fashion drawing, designing and making specialised garments using advanced fabrics.

Soft Technology

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 16 credits Type: Portfolio and practical textiles work

External: 4 credits Type: Report (optional)

Prerequisites:

At least 16 credits in Level 2 Technology or approved by the Curriculum Manager of Technology.

Course Description:

This course continues on from Level 2 Technology, extending students to complete work to a higher standard.

The programme challenges students to respond to relevant needs and opportunities to be solved in a workshop situation. It is intended to encourage and challenge students to achieve innovative, dynamic solutions.

Students develop and refine their ideas, plan and structure their work, demonstrate research, drawing, modelling and testing skills in order to converge on the most suitable solution. They are required to engage in ongoing evaluation of the development process.

Topics include: technological modelling and prototypes, production of garments (high fashion, streetwear) fabric decoration and implementation of complex procedures using textile materials.

Food Technology

Qualification: NZQF Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal: 18 credits Type: Workbook and practical work

External: 4 credits Type: Report

Prerequisites:

Open to Year 12 students who have genuine interest in food or a desire to work in catering and hospitality industries.

Course Description:

The senior food technology programme encourages students to gain skills and knowledge which could lead to a career in the Food Industry or the Hospitality Industry. To develop an enjoyment in the preparation and production of good food. Students will be encouraged to be innovative and creative in the service of food.

Through the processes of selecting, preparing, cooking, and serving food, students develop their creativity, skill and experience a sense of accomplishment. At the same time, they develop personal and interpersonal understandings that contribute to well-being.

Topics include: food safety, creative food preparation and presentation, food development, sustainability. Students will prepare and present a range of dishes which compliment the standards requirements.

Food Technology

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 16 credits Type: Workbook and practical work

External: 4 credits Type: Level 3 optional workbook and practical work

Prerequisites:

Open to Year 13 students who have genuine interest in food or a desire to work in Catering and Hospitality Industries.

Course Description:

The senior food technology programme encourages students to gain skills and knowledge which could lead to a career in the Hospitality Industry. To develop an enjoyment in the preparation and production of good food. Students will be encouraged to be innovative and creative in the service of food.

Through the processes of selecting, preparing, cooking, and serving food, students develop their creativity and experience a sense of accomplishment. At the same time, they develop personal and interpersonal understandings and skills that contribute to well-being.

Topics include: food safety, creative food preparation and presentation, food for special occasions and food preservation. Students will prepare and present meat, fruit and vegetables, egg and cheese dishes.

Digital Technology

Qualification: NZQF Level 1

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal: 18 credits Type: Project and portfolio, tests and practicals

External: 3 credits

Prerequisites:

None.

Course Description:

Digital technologies are crucial components of our every day lives. They underpin communication, entertainment, education and almost every other aspect of our lives. The Year 11 Digital Technologies course examines Digital Media where students investigate, plan and develop media, Digital Infrastructure and the effect of our Digital environment on society.

Students will build and maintain a personal computer system, develop and manipulate complex data to produce a media product, create multimedia and desktop publishing products incorporating original photography video and audio.

This course is the pathway for NCEA Digital Technology courses, IB ITGS and Computer Science.

Digital Technology

Qualification: NZQF Level 2

Number of credits offered: minimum of 18 from Achievement Standards

Assessment:

Internal: minimum of 15 Type: Projects, assignments and reports

External: minimum of 3 Type: Portfolio

Prerequisites:

Year 11 Digital Technology or approval from the Curriculum Manager.

Course Description:

This course covers many aspects of information technology including network administration, advanced web design and databases. Students will build and maintain a network of computers, printers, etc. They will produce advanced multimedia products incorporating advanced techniques using industry standard products. The students will develop a detailed understand of HTML and Cascading stylesheet. The students will also investigate and develop Databases and integrate these with other applications. They will investigate the use of an information system within an organisation.

Digital Technology

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 17 credits Type: Projects, assignments and investigations

External: 3 credits Type: Portfolio

Prerequisites:

Year 12 Digital Technology or approval from the Curriculum Manager.

Course Description:

In this Level 3 Achievement Standard-based course students will continue the development of advanced skills in multimedia. They will develop products that will be presented across multiple mediums including screen and print. The students will develop an advanced understanding of HTML, CSS and Javascript. They will also examine and investigate work-based examples of Information Technology. Students will investigate and analyse the use of information and communication technologies in an organisation of their choice. They will develop and apply project management skills and techniques.

Humanities and Commerce

Commerce Career Opportunities Include:

Accounting, financial consulting, legal services, marketing, management, policy, property, taxation, teaching, trade, valuation, web application development.

Humanities Career Opportunities Include:

Administration, anthropology, archives, conservation, counselling, education, environmental management, gallery and museum curating, heritage and conservation, historical research, local government, market research, organisational and industrial psychology, policy research, resource management, sociology, town planning, youth and justice and social services.

Business Studies

Qualification: NZQF Level 1

Number of credits offered: 19 from Achievement Standards including
5 from Level 1 Accounting and
14 from Level 1 Business Studies

Assessment:

Internal:	6 credits	Type: Assignment
External:	13 credits	Type: Examination

Prerequisites:

None.

Course Description:

This course provides an introduction to business concepts and financial statements. Students will acquire an understanding of the internal and external factors influencing a business, and will be able to prepare and interpret income statements and balance sheets. Studying business will enable students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters.

The course provides an excellent foundation for students who wish to study either Level 2 Business Studies or IB Business and Management.

Business Studies

Qualification: NZQF Level 2

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	12 credits
External:	12 credits

Prerequisites:

14 credits in Level 1 Business Studies with at least one Merit grade. A minimum of 14 credits in each of Level 1 English and Mathematics. At the discretion of the Curriculum Manager, students with no prior study of Business Studies may be considered.

Course Description:

This course introduces students to the internal and external factors which influence the activity of a large business. Businesses make decisions in human resourcing, marketing,

production and financing. Topics covered include the role of corporate social responsibility, management of the supply chain, growth strategies and the motivation of staff. Students will investigate the applications of business theory to real organisations and will conduct a self-directed business activity. This course is suitable for students who wish to study the subject at Level 3 or at tertiary level. It is an extremely useful foundation for any student who wishes to pursue a career in business or management.

Business Studies

Qualification: NZQF Level 3

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal: 9 credits Type: Economic investigation

External: 12 credits Type: Examination

Prerequisites:

Achieved grades or better in the Level 2 Business Studies standards with at least one standard Achieved with Merit. At least 16 credits in Level 2 English and Mathematics.

Course Description:

The context of the Level 3 course is that of New Zealand businesses which operate in a global context. Students will examine how such businesses respond to changes in their internal and external environment. Case studies will be used to examine strategic responses to complex business issues. Students will analyse human resource issues affecting large New Zealand businesses, explore the export potential of a local business and construct a detailed marketing plan.

The course will enable students to acquire a deeper understanding of the business environment and will serve as an excellent foundation for further study of business and commerce.

Economics

Qualification: NZQF Level 1

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 8 credits Type: Assignments

External: 12 credits Type: Examination

Prerequisites:

None.

Course Description:

Shops, Malls and Markets play a very important role in the workings of our economy. Consumers can buy what they want and send signals to producers to say what they don't want. Economics studies how these messages are communicated so that firms know what goods and services consumers want, how much they want and how prices will be determined.

Economics

Qualification: NZQF Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Economic investigation of an economic issue
External:	12 credits	Type: Examination

Prerequisites:

Achieved grades or better in the Level 1 Economics standards with at least one Merit grade. Level 1 English and Mathematics each with at least 16 credits. A comparable pass in Level 1 Geography or a similar subject at Level 1 may be considered.

Course Description:

The focus of the Level 2 course is to provide an understanding of the everyday economic challenges facing New Zealanders.

A knowledge of basic economic theory is covered, along with the macroeconomic focus on issues of unemployment, price stability, economic growth and international trade. Discussion and analysis of current economic events, as well as the effects of government policy, will feature in this course.

This course is an excellent introduction for students of Commerce to the economic environment in which we live.

Economics

Qualification: NZQF Level 3

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Economic investigation
External:	14 credits	Type: Examination

Prerequisites:

Achieved grades or better in the Level 2 Economics standards with at least one Merit grade. At least 16 credits in Level 2 English and Mathematics. Students who have achieved Merit and Excellence grades in Economics at Level 1 may be considered.

Course Description:

Economics at Level 3 has a more theoretical focus. It provides a detailed introduction to micro and macroeconomic analysis.

A study of the market forces of demand and supply and market efficiency is followed by an examination of the role of the government sector. Students will gain an insight into the nature and workings of New Zealand's economic activity and will reach a broader understanding of economic theory. They will be more prepared to participate in further tertiary study in Commerce.

Classical Studies

Qualification: NZQF Level 2

Number of credits offered: 18 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Project and investigation
External:	8 credits	Type: Examination

Prerequisites:

A minimum of 16 credits in Level 1 English.

Course Description:

This academic course caters for students who wish to develop knowledge of the ancient civilisations of Greece and Rome together with specific skills which include the comprehension of study material, literary and visual appreciation and written expression.

The course provides preparation for further study of the early development of Western civilisation and eventual careers in such diverse areas as law, architecture and the media.

Topics studied include: Homer’s Odyssey, Roman political and social life and the art and architecture of Pompeii.

Classical Studies

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Independent research
External:	10 credits	Type: Examination

Prerequisites:

A minimum of 18 credits in Level 2 Classical Studies or 17 credits in Level 2 English for a student new to Classical Studies.

Course Description:

Students who enrol in this course have the opportunity to develop knowledge of the ancient civilisations of Greece and Rome together with specific skills which include the comprehension of study material, literary and visual appreciation and written expression.

The course provides preparation for further study of the early development of Western civilisation and eventual careers in such diverse areas as law, architecture and the media.

Topics studied include: Roman Religion, The Aeneid and Roman art and architecture.

Geography

Qualification: NZQF Level 1

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	10 credits	Type: Research, global study, spatial analysis with geographical information systems
External:	12 credits	Type: Examination

Prerequisites:

None.

Course Description:

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time - past, present and future. It explores the relationships and connections between people and both natural and cultural environments.

Geography investigates the ways in which features are arranged on the earth’s surface. It describes and explains the patterns and processes that create them.

Topics studied include: population geography, extreme natural events and geographical concepts and skills. A field trip to the Waikato to research the sustainability of wetlands and dairy farming is included.

Geography

Qualification: NZQF Level 2

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal:	11 credits	Type: Research, global study, geographic issue
External:	12 credits	Type: Examination

Prerequisites:

Students who have attained a minimum of 18 credits in Level 1 Geography or have completed Level 1 Humanities in Year 10 will gain automatic entry into this course. At the discretion of the Curriculum Manager, students with no prior study of Geography may be considered.

Course Description:

Geography is a scientific study leading to an understanding of the people, places and environments of our world, the processes by which they are changing and the interconnections between, both locally and globally.

During the course, students will look at the world with case studies drawn from a wide range of locations.

Topics studied include: the natural environment of the Atacama Desert (Chile) and differences in development between two selected countries. A field trip to the Sky Tower and Queen Street in Auckland is included in order to carry out urban research.

Geography

Qualification: NZQF Level 3

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal:	13 credits	Type: Geographic issue, research, contemporary event, global study
External:	8 credits	Type: Examination

Prerequisites:

Students who have attained a minimum of 18 credits in Level 2 Geography will gain automatic entry into this course. At the discretion of the Curriculum Manager, students with no prior study of Geography may be considered.

Course Description:

Geography is the science of describing, analysing, explaining and interpreting the earth as the home of people. This subject places special emphasis on the spatial relations of society and the physical or natural environment.

Students who enrol in this course will acquire knowledge of principles and methods for describing the features of land, sea and air, including their physical and cultural characteristics, locations and interrelationships. During the programme, they will look at the world with particular emphasis on Bali for tourism.

Topics studied include: concepts and skills, fluvial action, the Pacifica Festival, tourism development, diamond mining and a NIMBY of their own choice. A field trip to the Waitakere River to research the discharge of the river is included.

History

Qualification: NZQF Level 1

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Research assignments
External:	12 credits	Type: Examination

Prerequisites:

None.

Course Description:

History aims to equip students with the ability to enter imaginatively into the events of the past, to understand themselves as New Zealanders and to understand other peoples distant in time and place. It challenges them to think about continuity and change, similarities and differences, and cause and effect.

This course introduces students to the skills of the historian and the ability to gather, process and present historical knowledge and understanding.

Black Civil Rights in the United States and the 1981 Springbok Tour are studied with students generally able to research topics of their choosing. The causes and consequences of events are studied and understood in relation to how they have shaped the lives of people and society.

History

Qualification: NZQF Level 2

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Research assignments
External:	10 credits	Type: Examination essays

Prerequisites:

A minimum of 16 credits in Level 1 History or 16 credits in Level 1 English for a student new to History.

Course Description:

History aims to equip students with the ability to enter imaginatively into the events of the past, to understand themselves as New Zealanders and to understand other peoples distant in time and place. It challenges them to think about continuity and change, similarities and differences, and cause and effect. This course builds on and further develops the skills of the historian. Students acquire the ability to gather, process and present historical knowledge. They are expected to explore issues with more historical insight than at Level 1.

Topics include a study of the Korean War and its aftermath and the Vietnam war and its effect on New Zealand society. Students will also carry out three research based assignments with a large scope of topics that may be chosen.

History

Qualification: NZQF Level 3

Number of credits offered: 25 from Achievement Standards

Assessment:

Internal:	15 credits	Type: Research investigation and two written reports
External:	10 credits	Type: Examination

Prerequisites:

A minimum of 18 credits in Level 2 History or 16 credits in Level 2 English if the student is new to History.

Course Description:

History aims to equip students with the ability to enter imaginatively into the events of the past, to understand themselves as New Zealanders and to understand other peoples distant in time and place. It challenges them to think about continuity and change, similarities and differences and cause and effect.

This course builds on and further develops the skills of the historian and the ability to gather, process and present historical knowledge. Students are expected to deal with more demanding historical problems and they are expected to develop more extended, informed and convincing arguments. There is a higher level of reading comprehension required than at Levels 1 and 2.

This course allows students to choose their own research topics for two of the internal assessments. A detailed study of the causes and consequences of World War One forms the basis for one external essay with a source-based paper comprising the remainder.

English

English Career Opportunities Include:

Advertising, arts administration, broadcasting, creative writing, copy writing, diplomacy, editing, human resources, journalism, law, library and educational administration, literary criticism, mediation, politics, public service, publishing.

English

Qualification: NZQF Level 1

Number of credits offered: minimum of 19 from Achievement Standards

Assessment:

Internal: 7 credits

Type: Creative writing, comparative text study

External: 12 credits

Type: Written examination - literary essays and analysis of unfamiliar texts

Prerequisites:

None.

Course Description:

This course includes creative writing, analysis of literary texts including film, prose and poetry, comparative text study and the analysis of unfamiliar texts.

Year 11 English Extension

Qualification: NZQF Level 1 and Level 2

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal: 10 Level 2 credits

Type: Writing, information literacy skills, personal reading

External: 12 Level 1 credits

Type: Written examination - literary essays, analysis of unfamiliar texts

Prerequisites:

This course is primarily for students who satisfactorily completed the Year 10 English Extension course.

Course Description:

This course includes creative writing, analysis of literary texts including film, prose and poetry, information literacy skills and the analysis of unfamiliar texts with the addition of the Level 2 personal reading internal assessment.

English

Qualification: NZQF Level 2

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal: 9 credits

Type: Writing, creating visual text

External: 12 credits

Type: Written examination - literary essays, analysis of unfamiliar text extracts

Prerequisites:

14 credits in Level 1 English. Students must have achieved two external standards.

Course Description:

This course builds on the work covered in Level 1 and includes creative and formal writing, analysis of literary and visual texts, a comparative study and the analysis of unfamiliar texts.

English

Qualification: NZQF Level 3

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal:	13 credits	Type: Writing, critical texts, response to visual text
External:	8 credits	Type: Written examination, literary essays

Prerequisites:

18 credits in Level 2 English. Students must have achieved the Literacy Requirements (five Reading credits and five Writing credits).

Course Description:

This course focuses on the skills of interpretation and expression. Students will be required to respond critically to written and visual text in an extended piece of writing and an analysis of critical perspectives. This course seeks to prepare students for tertiary study.

Media Studies

Qualification: NZQF Level 1

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal:	15 credits	Type: Film, Print and TV analysis, design, production
External:	8 credits	Type: Examination

Prerequisites:

None.

Course Description:

This course focuses on close reading and analysis of a wide range of media text including film, print, television and digital media. It also includes the design and production of a media product. Students will need a good level of English in order to effectively communicate their ideas in the written responses for both internal and external assessments.

Media Studies

Qualification: NZQF Level 2

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	17 credits	Type: Film and print media analysis, design, production
External:	7 credits	Type: Examination

Prerequisites:

A minimum of 18 credits in Level 1 English.

Course Description:

This course focuses on close reading and analysis of a wide range of media text including television, film, print and digital media. An investigation of representation in the media is undertaken. It also includes the design and production of a media product which will involve students using media technology. Students will need a good level of English in order to effectively communicate their ideas in the written responses required for both internal and external assessments.

Media Studies

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	16 credits	Type: Close reading and analysis, design, investigation, production
External:	4 credits	Type: Examination

Prerequisites:

18 credits in Level 2 Media Studies including at least three from externally assessed Achievement Standards.

Course Description:

Concepts and skills from Level 2 Media Studies are developed further. The course includes case studies from television, film, print and digital media. Students will design and produce a media product and investigate a film genre and representation in New Zealand media.

Health and Physical Well-being

Career Opportunities Include:

Physical education teaching, health sciences, coaching, corporate health and wellness, counselling, event management, nursing, occupational health and rehabilitation, outdoor education instructing, physiotherapy, sport and exercise medicine, sport and fitness education, sports management, health promotion agencies, public health, medical education and counseling.

Health

Qualification: NZQF Level 2

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Written report and essay style
External:	9 credits	Type: Written examination

Prerequisites:

10 credits in Level 1 English and to include at least two of the externally assessed Achievement Standards.

Course Description:

In health education the focus is on the well-being of the students themselves, of other people, and society through learning in health related contexts.

Students will explain personal, interpersonal and societal influences on health and relate these ideas to the relevant determinants of health. They will describe the relationship between factors influencing well-being and the short- and long-term outcomes for individuals, groups and society. Students will discuss discrimination within communities and suggest health-enhancing action(s) that will promote social justice for self, others and society. They will need to use relevant research as evidence to support claims made about health related issues, express opinions and justify points of view. Students will take collective action to enhance an aspect of well-being within the school or wider community and evaluate the effect of this action.

Health

Qualification: NZQF Level 3

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Written report and essay style
External:	10 credits	Type: Written examination

Prerequisites:

Achieved grades in all of the Level 2 Health Achievement Standards or 16 credits in Level 2 English and to include as least two of the externally assessed Achievement Standards.

Course Description:

The focus in health education is on the well-being of the students themselves, of other people, and society through learning in health related contexts.

Students will explain why some health-related situations are of concern for communities or the whole population of a country. They will critically analyze how determinants of health impact on well-being in relation to an identified health issue. Students must provide evidence from published research and their own investigations to explore societal and global issues. They will use health promotion models to explore the effectiveness of health-promotion strategies likely to achieve sustainable health outcomes. Students must identify and justify strategies (in local and global contexts) that reflect the values of social justice and achieve equitable health outcomes.

Outdoor Education

Qualification: NZQF Level 2

Number of credits offered: 20 credits from Achievement Standards from the Physical Education Domain

Assessment:

Internal: 20 credits Type: Extended on and off campus practical assessments, accompanied by corresponding written assignments

Prerequisites:

Achieved grades in all of the standards in Level 1 Physical Education, or Achieved grades in the majority of the standards offered in Level 1 Science and English at the discretion of the Head of Faculty. A commitment to one weekend per term away for assessment purposes. Students should have a willingness to work with others to achieve common goals, good organisational skills, an openness to new challenges and an interest and some ability in the activities offered.

Course Description:

Level 2 Outdoor Education strives to contribute to life's journey of young people through rich outdoor learning experiences. It is an introduction into outdoor education in its widest sense. A variety of outdoor disciplines will be used as practical mediums that will explore the significance of the outdoors and physical activity on self, others and place. Students will examine group processes, social responsibility and implement opportunities for others in the outdoors.

Special note: Endorsement is offered if you enrol in both Outdoor Education and Physical Education. These subjects, however, share a performance practical stand worth 4 credits and this can count towards ONE subject only. Any questions please consult with Head of Faculty.

Outdoor Education

Qualification: NZQF Level 3

Number of credits offered: 19 credits from Achievement Standards

Assessment:

Internal: 19 credits Type: Extended on and off campus practical assessments accompanied by corresponding written assignments

Prerequisites:

Achieved grades in all of the standards offered in Level 2 Outdoor Education or Level 2 Physical Education or achieved grades in the majority of the standards offered in a Level 2 Science and English at the discretion of the Head of Faculty. A commitment to one weekend away per term for assessment purposes. Exceptional motivation and drive to manage difficult challenges. Excellent personal organization and a willingness to work with others to achieve common goals. A high interest and ability in the activities offered is required.

Course Description:

This is an approved NZQA course and for the first time it is able to offer Achievement Standard credits with the opportunity for students to achieve these credits with endorsement.

The course builds on the foundations of Level 2 Outdoor Education. Advanced outdoor disciplines are mediums use to explore aspects of contemporary leadership theory, issues in risk management, sustainability, personal performance and philosophy. This programme is designed to equip students with advanced practical tools and decision-making skills to; plan, lead and evaluate many of the expeditions independently. These are all important foundations for life beyond Kristin.

Special note: Endorsement is offered if you enrol in both Outdoor Education and Physical Education. These subjects, however, share a performance practical stand worth 4 credits and this can count towards ONE subject only. Any questions please consult with Head of Faculty.

Physical Education

Qualification: NZQF Level 1

Number of credits offered: 20 credits from Achievement Standards.

Assessment:

Internal:	20 credits	Type: Test, assignment, practical application and performance
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Prerequisites:

It is an advantage to have completed Sport Studies in Year 9 and 10, but it is not compulsory. Students need to have a positive attitude to all aspects of Physical Education (practical and theory).

Course Description:

During this course, students develop their self management and leadership potential by teaching others. They also experience and analyse the benefits of participating in a variety of sports. Students will study the science of movement in the areas of anatomy, biomechanics and exercise physiology. They will be involved in developing their physical skills in various physical activities. The quality of their physical performance will then be assessed at the end of the skill learning. This course develops knowledge and skills that enable students to progress into any of the following; Physical Education, Outdoor Education at Level 2 and the Sports Exercise and Health Science course (IB group 4).

Physical Education

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 20 credits Type: Common test, assignment, verbal interview, practical performance

Prerequisites:

Achieved grades in all of the standards in Level 1 Physical Education, or Achieved grades in the majority of the standards offered in Level 1 Science and English at the discretion of the Head of Faculty.

Course Description:

During this course students develop their leadership skills and risk management in an outdoor setting. They study biophysical principles and how they relate to and are applied to skill learning and training programs. Students will also perform a variety of physical activities having them assessed across national standards. This course develops skills and knowledge that enable students to progress to Physical Education at Level 3.

Special note: Endorsement is offered if you enrol in both Outdoor Education and Physical Education. These subjects, however, share a performance practical stand worth 4 credits and this can count towards ONE subject only. Any questions please consult with Head of Faculty.

Physical Education

Qualification: NZQF Level 3

Number of credits offered: 19 from Achievement Standards

Assessment:

Internal: 19 credits Type: Assignment, practical performance

Prerequisites:

Achieved grades in all of the standards offered in Level 2 Physical Education or Merit grades in the majority of the standards offered in a Level 2 Science and English at the discretion of the Head of Faculty. A good level of physical competency is also required.

Course Description:

The focus of this course is to have students apply their skills and knowledge to real-life situations. Students will experience a variety of different activities and challenges. They will use their knowledge to analyse, evaluate, examine and demonstrate their understanding of physical performance and what affects it, using a variety of methods and tools to meaningfully breakdown such performances. The programme fosters and develops skills and knowledge that enable students to enter university based studies in Physical Education or Health Sciences.

Special note: Endorsement is offered if you enrol in both Outdoor Education and Physical Education. These subjects, however, share a performance practical stand worth 4 credits and this can count towards ONE subject only. Any questions please consult with Head of Faculty.

Languages

Career Opportunities Include:

Diplomatic service, education, journalism, film subtitling, foreign affairs and treasury, business, hospitality and hotel management, international marketing, interpreting, international trade and relations, law, public service, tourism, translating.

Chinese, French, Japanese and Spanish

Qualification: NZQF Level 1

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Prepared talk, conversation, written texts
External:	10 credits	Type: Listen to and understand spoken language, read and understand written language

Prerequisites:

Two years' previous study of the selected language.

Course Description:

This course develops the four skills of listening, speaking, reading and writing in the target language and provides students with authentic situations in which to use the language successfully. Intensive oral practice with a native speaker is an integral part of the course. Students learn to communicate on topical issues, understand and respond appropriately to more complex dialogue, recognise details and interpret meaning from a wide range of texts, write crafted short passages and handle transactional writing such as letters, instructions and personal opinions.

Written and oral portfolios are prepared throughout the year and selected pieces are submitted for the achievement standards in Term 3. External examination consists of listening and reading comprehensions with questions and answers in English or the target language.

Chinese, French, Japanese and Spanish

Qualification: NZQF Level 2

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Prepared talk, conversation, written texts
External:	10 credits	Type: Listen to and understand spoken language, read and understand written language

Prerequisites:

18 credits in Level 1 of the selected language, including Merit grades in two achievement standards.

Course Description:

This course develops the four skills of listening, speaking, reading and writing in the target language and provides students with authentic and more unfamiliar situations in which to use the language successfully. Intensive oral practice with a native speaker is an integral part of the course. Students learn to discuss and debate in the target language, express and

defend their opinions, understand and respond appropriately to more complex dialogue, recognise details and interpret meaning from a wide range of texts, write crafted and more extended passages, and present ideas and information logically.

Written and oral portfolios are prepared throughout the year and selected pieces are submitted for the achievement standards in Term 3. External examination consists of listening and reading comprehensions with questions and answers in English or the target language.

Some students will sit the Australian Language Certificate in Term 3

Chinese, French, Japanese and Spanish

Qualification: NZQF Level 3

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal: 14 credits Type: prepared talk, conversation, written texts

External: 10 credits Type: Listen to and understand spoken language, read and understand written language

Prerequisites:

18 credits in Level 2 of the selected language, including Merit grades in two standards.

Course Description:

This course further develops the four skills of listening, speaking, reading and writing in the target language and provides students with authentic and extended situations in which to use the language successfully. Topics include the environment, and an overview of literature, sport, the mass media, and current social problems. Intensive oral practice with a native speaker is an integral part of the course.

Students learn to discuss and debate in the target language, explore and justify varied ideas and perspectives in different situations, understand and respond critically to stimulus material, recognise details and interpret meaning from a wide range of extended texts, write crafted and more extended passages, and present ideas and information logically.

Written and oral portfolios are prepared throughout the year and selected pieces are submitted for the achievement standards in Term 3. External examinations consists of listening and reading comprehensions with questions and answers in English or the target language.

English Language Acquisition - Year 11 and 12

Assessment:

Preparation for IELTS, TOEFL and selected NCEA standards

Prerequisites:

Students whose first language is not English will be assessed prior to entry into Year 11 or Year 12 and may be directed to take this course.

Course Description:

This course provides students with the necessary skills to facilitate language acquisition through a communicative approach. A focused approach in grammar and vocabulary enables students to prepare for the international English proficiency tests, IELTS and TOEFL.

English Language Acquisition - Year 13

Assessment:

Preparation for IELTS, TOEFL and selected NCEA standards

Prerequisites:

Students whose first language is not English will be assessed prior to entry into Year 13 and, subject to school-based testing, may be directed to take this course.

Course Description:

This course enables students to begin the preparation required for entry into university through an in-depth study of the grammar and vocabulary of the English language. Students are provided with the skills necessary to facilitate language acquisition through a communicative approach. A focused approach in grammar and vocabulary enables students to prepare for the international English proficiency tests IELTS, and TOEFL.

Mathematics

Career Opportunities Include:

Actuary, biostatistics, computer game development, computer programming, computer science, engineering computation, information and financial and quality analysis, hydrology and meteorology, market research, mathematical modelling and forecasting, operations research, statistician, teaching.

Mathematics

Qualification: NZQF Level 1

Number of credits offered: 19 from Achievement Standards

Assessment:

Internal: 3 credits Type: Investigation

External: 16 credits Type: Written examination

Course Description:

This course is the mainstream Year 11 course. Successful completion of the course will provide prerequisites for entry into NCEA Level 2 Mathematics or IB Year 1 Standard Level Mathematics.

The course extends and develops student's experience in topics which include: trigonometry, geometry, measurement, algebra, graphs, probability and statistics. Use of a Texas Instruments graphic display calculator is highly recommended.

Mathematics Applied

Qualification: NZQF Level 1

Number of credits offered: 17 from Achievement Standards

Assessment:

Internal: 13 credits Type: Investigation

External: 4 credits Type: Written examination

Course Description:

This course is aimed at students who are likely to find NCEA Level 1 Mathematics very challenging. Successful completion of the course may provide the prerequisites for entry into NCEA Level 2 Mathematics Applied. An IB Mathematical Studies pathway may be possible with an additional unit of work and in consultation with the Head of Faculty. Topics include measurement, linear algebra, statistics, probability, statistical inference and analysis of data. Use of a Texas Instruments graphic display calculator is highly recommended.

Year 11 Advanced Mathematics

Qualification: NZQF Level 2

Number of credits offered: 14 from Achievement Standards

Assessment:

Internal: 5 credits Type: Written examination

External: 9 credits Type: Written examination

Prerequisites:

19 credits at NCEA Level 1 Mathematics with Merit grades in Algebra AS 1.2 and Tables, Equations and Graphs AS 1.3.

Course Description:

This course is for those Year 11 students who have successfully completed NCEA Level 1 Mathematics in Year 10.

The course offers a pathway into NCEA Level 3 Calculus, IB HL Mathematics or IB SL Mathematics

The course extends topics including algebra, graphs, trigonometry, probability and statistics studied at NCEA Level 1, while also introducing calculus. Use of a Texas Instruments graphic display calculator is both essential and required.

Mathematics

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	7 credits	Type: Investigation
External:	13 credits	Type: Written examination

Prerequisites:

19 credits at NCEA Level 1 Mathematics with Merit grades in Algebra AS 1.2 and Tables, Equations and Graphs AS 1.3.

Course Description:

This course is the mainstream Year 12 course. Successful completion of the course will provide prerequisites for entry in NCEA Level 3 Calculus and/or NCEA Level 3 Statistics.

The course extends topics including algebra, graphs, trigonometry, probability and statistics studied at NCEA Level 1, while also introducing calculus. Use of a Texas Instruments graphic display calculator is both essential and required.

Mathematics Applied

Qualification: NZQF Level 2

Number of credits offered: 18 from Achievement Standards

Assessment:

Internal:	14 credits	Type: Investigation
External:	4 credits	Type: Written examination

Prerequisites:

15 credits in Level 1 Mathematics. Students must have achieved Bi-variate Data AS 1.11 and Chance and Data AS 1.12.

Course Description:

This course is aimed at students who do not have sufficient prerequisites for entry into NCEA Level 2 Mathematics, but nevertheless wish to study the subject at Year 12. In most cases this course would be the final year of Mathematics for a student, but under exceptional circumstances and results, entry into NCEA Level 3 Statistics may be considered. Topics include networks, statistics, statistical inference and probability. Use of a Texas Instruments graphic display calculator is both essential and required.

Calculus

Qualification: NZQF Level 3

Number of credits offered: 24 from Achievement Standards

Assessment:

Internal: 7 credits Type: Written test

External: 17 credits Type: Written examination

Prerequisites:

16 credits in Level 2 Mathematics with Merit grades in Algebra AS 2.6 and Calculus AS 2.7.

Course Description:

This course caters for students who will need a strong mathematical background in preparation for tertiary study in areas such as mathematics, physics, engineering or economics. Students entering this course will have sound algebraic skills and a keen interest in mathematics.

Approximately half of the course content comprises differential and integral calculus. The remaining topics include algebra and trigonometry. Use of a Texas Instruments graphic display calculator is both essential and required.

Statistics

Qualification: NZQF Level 3

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: 12 credits Type: Investigation

External: 8 credits Type: Written examination

Prerequisites:

13 credits in Level 2 Mathematics including Merit in AS 2.12 or 13 credits in Level 2 Mathematics Applied including Merit in both AS 2.9 and AS 2.12

Course Description:

This course caters for students who will need a sound background in statistics in preparation for tertiary study in areas such as the biological sciences, social sciences or commerce. Students entering this course will have good language skills including the ability to interpret problems and communicate their findings in writing. Use of a Texas Instruments graphic display calculator is both essential and required.

The use of technology in internally assessed Achievement Standards is expected.

Science

Career Opportunities Include:

Behavioural and biological and biomedical science, earth and ecological and environmental science, food science, engineering, health and social science, information science, molecular science, physical science, sport and exercise science, teaching.

Biology

Qualification: NZQF Level 2

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Practical work
External:	12 credits	Type: Written examination

Prerequisites:

16 credits in Level 1 Science including a Merit grade in a Biology external achievement standard and at least two achieved grades in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Biology external Achievement Standard.

Course Description:

Biology is the study of life and the interaction between living organisms. It includes the relationships between organisms and their environment, genetic variation and evolution, how cells function, and the diversity amongst living organisms sharing similar genetic material.

Biology

Qualification: NZQF Level 3

Number of credits offered: 19 from Achievement Standards

Assessment:

Internal:	6 credits	Type: Research and written examination
External:	13 credits	Type: Written examination

Prerequisites:

16 credits in Level 2 Biology, with a minimum of 12 from the external standards.

Course Description:

Biology is the study of life. This course looks at how animals and plants respond to their environment, such as biological timing, orientation and migration, and reproductive behaviour. It looks at how genes are expressed in different organisms, giving the wide variety we see today. It also examines the evolution of New Zealand's unique flora and fauna. The current theories of evolution are examined in some detail. Applications of current biotechnological techniques are studied, including transgenesis including human evolution.

The following work is internally assessed: manipulation of genetic transfer and how an animal maintains a stable internal environment.

The following topics are assessed externally by way of written examinations: the role of DNA in genetics, evolution, animal and plant behaviour and human evolution.

Chemistry

Qualification: NZQF Level 2

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal: 10 credits Type: Practical work and written tests

External: 13 credits Type: Written examination

Prerequisites:

16 credits in Level 1 Science including a Merit grade in a Chemistry external achievement standard and at least two achieved grades in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Chemistry achievement standard.

Course Description:

Chemistry is the study of materials. It involves the behaviour of materials and what happens when substances react to form new substances. It is an important subject for almost all tertiary science studies and most science careers.

The following internal standards are covered: chemical calculations (stoichiometry), oxidation and reduction, and identifying ions.

The following external standards are assessed in the end-of-year examination: structure and bonding, organic chemistry and aqueous chemistry.

Chemistry

Qualification: NZQF Level 3

Number of credits offered: 21 from Achievement Standards

Assessment:

Internal: 6 credits Type: Written tests

External: 15 credits Type: Written examination

Prerequisites:

14 credits in Level 2 Chemistry with a minimum of 15 from the external standards.

Course Description:

Chemistry is the study of materials. It involves the behaviour of materials and what happens when substances react to form new substances. It is an important subject for almost all tertiary science studies and most science careers. Most of the topics are similar to those in Level 2 but are studied in greater depth.

The following internal standards are covered: redox and spectroscopy.

The following external standards are assessed in the end-of-year examination: structure and bonding with energetics, organic chemistry and aqueous chemistry.

Physics

Qualification: NZQF Level 2

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal: 7 credits Type: Practical and research-based investigations

External: 16 credits Type: Written examination

Prerequisites:

16 credits in Level 1 Science including an Merit grade in a Physics external achievement standard and at least two Achieved grades in any of the other Science external achievement standards. Merit grade in Algebra AS 1.2 preferred.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Physics achievement standard. It is expected that students also choose Level 2 Mathematics.

Course Description:

The course is designed to introduce and develop the essential elements necessary to study many courses such as physics and engineering, and to provide a basic understanding of real-world physical concepts.

Students carry out a practical physics investigation that leads to non-linear mathematical relationships and conduct research to explore physics relevant to a selected context.

The course is concerned with the understanding of phenomena, concepts, principles and relationships related to motion, force, momentum, energy, light, waves, electricity and electromagnetism.

Physics

Qualification: NZQF Level 3

Number of credits offered: 22 from Achievement Standards

Assessment:

Internal:	6 credits	Type: Test and research-based investigations
External:	16 credits	Type: Written examination

Prerequisites:

15 credits in Level 2 Physics with a minimum of 12 from the external standards. It is expected that students also choose Level 3 Calculus.

Course Description:

The course is designed to further develop the essential elements for study of many courses such as physics and engineering. Students study ideas in quantum and nuclear physics and explore the application of physics to a selected context.

The course will build upon Level 2 Physics to consider the concepts of translational and rotational motion, wave motion, shm, DC and AC electrical systems and electromagnetism.

Science

Qualification: NZQF Level 1

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal:	8 credits	Type: Practical investigation
External:	12 credits	Type: Written examination

Course Description:

This course covers topics from the main branches of science: Biology - microbes and genetics, Chemistry - atomic structure, acids and bases and Physics - motion, forces, energy and electricity.

Science leads to both IB and NCEA courses in Biology, Chemistry and Physics and also to the IB course Environmental Systems and Societies and Sports, Exercise and Health Science.

When feasible, a separate class will run for students who, on the basis of Year 10 performance, are expected to find this course demanding and who are unlikely to study science beyond this level. This group will cover much of the programme described above but will mainly focus on those skills necessary to achieve each standard.

This course is for the majority of students who wish to pursue Science in Year 12.

Science Options

Qualification: NZQF Level 1

Number of credits offered: 20 from Achievement Standards

Assessment:

Internal: Up to 16 credits Type: Research and investigation

External: 4 credits Type: Written examination

Course Description:

This course is aimed at students who would find the Level 1 Science course challenging.

The main branches of Science are covered but students choose between achievement standards. For students who achieve highly, Science Options may lead to both IB and NCEA courses in biology, chemistry and physics and also the IB course environmental systems and societies and sports, exercise and health science. This course could allow students entry to one Year 12 science course, assuming they meet the prerequisites.

All students will be offered from four internals.

Students will then choose between:

- Mechanics external (essential for Year 12 Physics)
- Acids and Bases external (essential for Year 12 Chemistry)
- Genetics external (essential for Year 12 Biology)
- A research internal if not going on to Year 12 Science.

Further Science

Qualification: NZQF Level 1 (and 1 standard at Level 2)

Number of credits offered: 19 from Achievement Standards

Assessment:

Internal: 7 credits Type: Practical investigation

External: 12 credits Type: Written examination

Course Description:

Students intending to continue with one or more sciences in Year 12 and 13 may choose this course in addition to Science Level 1. This course is strongly recommended for students taking more than one Science in Year 12.

Year 11 Advanced Science

Qualification: NZQF Level 1 and Level 2

Number of credits offered: 23 from Achievement Standards

Assessment:

Internal: 12 credits Type: Two investigations, one written test

External: 11 credits Type: Three written examination

Prerequisites:

This course is for Year 11 students who completed the Level 1 Science course with a Merit average in Year 10.

Course Description:

This course studies a range of scientific concepts from the Biology, Chemistry and Physics disciplines that are related to Earth and Space. For Biology, organisms surviving in extreme environments. For Chemistry, oxygen in water in the hydrosphere and atmosphere. For Physics, exploring atoms and radioactivity and how solar systems evolve. The course also includes a Level 1 Biology paper on Mammals and a Level 1 Chemical Reactions paper.

This course leads to separate Science courses including Environmental Systems and Societies, Sports, Exercise and Health Science, Biology, Chemistry and Physics in Year 12.

International Baccalaureate Mission Statement

“The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organisation works with schools, governments and international organisations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.”



IB learner profile

The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.

As IB learners we strive to be:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

COURAGEOUS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives – intellectual, physical, emotional and spiritual – to achieve well-being for ourselves and others. We recognise our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.

International Baccalaureate Diploma Programme

The IB programme is available to all students entering Year 12 at Kristin providing they have met the relevant subject entry criteria. It is not a programme that is limited to the academic elite – most students at Kristin have the ability to gain the Diploma. Strong IB candidates are those who are highly motivated with above-average ability across a range of subjects. In addition, they need to develop the skills to organise and manage their time effectively.

The Diploma Programme aims to equip students with:

- Critical-thinking and reflective skills
- Research skills
- The ability to learn independently
- Intercultural understanding and respect

Whilst providing students with:

- A broad and balanced, academically demanding, programme of study
- A globally recognised university entrance qualification

Subject Requirements

IB subjects are categorised into six groups covering the major fields of knowledge. These groupings are described on the following pages. Students select one subject from each of Groups 1 to 5. The sixth subject may come from Group 6 or be another chosen from Groups 1 to 4. Where a student's planned tertiary course requires a particular combination of subjects, dispensation may be granted by IB for the student to complete a non-regular diploma course.

Three subjects are studied at standard level (SL) and three in more depth at higher level (HL). Most subjects are available at Kristin at both levels although it is important to refer to the course information which follows to ensure a viable course is selected. Students consider their choices for higher and standard subjects on entering Year 12 and confirm these in Term 4.

Core Requirements

In addition to their chosen subjects, IB students complete the following three core requirements which are integral to the programme's philosophy and develop important study and personal skills:

- The Theory of Knowledge course encourages students to consider how knowledge is created and to reflect on the process of learning in the subjects they study as part of their Diploma Programme. Students learn to analyse knowledge in a critical manner using diverse ways of knowing and by considering what constitutes knowledge in particular areas of knowledge, such as science, history, ethics and art. In the second year of the course there are two assessment tasks, an externally assessed 1600 word essay on a prescribed title and a presentation that can be done either individually or in a small group.
- The Extended Essay, a 4,000-word research paper on a topic of the student's choosing, produced under the guidance of a supervisor. In Year 12, students are counselled on their choice of topic and supervisor and given advice on the techniques of researching and essay writing. Extended essays are graded by external examiners.
- CAS (Creativity, Activity, Service). IB students are involved in a comprehensive range of service, creative and active pursuits outside of the classroom, many of which contribute

to their CAS experience. CAS involves real, purposeful activities which provide a degree of personal challenge and lead to significant outcomes. Students are encouraged to give thoughtful consideration to planning and reviewing their CAS programme and to reflect on the outcomes and the personal learning involved.

Assessment

The academic subjects are principally assessed by external examinations, which are sat in November of Year 13. All subjects also include a component of internally assessed course work, samples of which are sent for external moderation. In each subject a candidate is graded from 1 (very poor) to 7 (excellent). In addition to this, up to three points are awarded for performance in the extended essay and ToK. In order to qualify for the Diploma, a candidate must complete all the requirements above and have an aggregate of at least 24 points out of the possible 45.

Students are expected to adhere to the school's 'Academic Honesty Policy' and the 'Senior School Assessment Procedures - IB' when preparing work for assessment. These documents are issued to students early in Term 1.

Course Costs

\$575 per year of the programme to offset the cost of examination registration fees.

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Studies in Language and Literature (Group 1)

Career Opportunities Include:

Advertising, broadcasting, diplomatic service, education, journalism, film subtitling, foreign affairs and treasury, business, hospitality and hotel management, international marketing, interpreting, international trade and relations, law, public service, tourism, translating.

English A Literature

Qualification: IB

Group: 1

Level: Higher or Standard

Assessment:

Internal: 30%

Type: Oral

External: 70%

Type: Examination and written assignments

Prerequisites:

18 credits in Level 1 English with Merit grades in at least two of the externally assessed achievement standards.

Course Description:

This course explores various types of literature. Students study literature as a means of developing critical thought, academic writing skills and appreciation of global perspectives and influential writers. The study of the literature course extends students' literacy skills, in preparation for tertiary study.

English A Language and Literature

Qualification: IB

Group: 1

Level: Higher or Standard

Assessment:

Internal: 30%

Type: Oral

External: 70%

Type: Examination and written assignments

Prerequisites:

18 credits in Level 1 English with Merit grades in at least two of the externally assessed achievement standards.

Course Description:

This course explores literature and language in various forms. Students study media texts and literature from a range of genres, the development of language and the role of mass communication in our world. The relationship between language, identity and culture is explored and academic writing skills developed in preparation for tertiary study.

Chinese A Language and Literature

Qualification: IB

Group: 1

Level: Higher or Standard

Assessment:

Internal: 30% Type: Oral

External: 70% Type: Examination and written assignment

Prerequisites:

This course is for native speakers of Chinese who are able to read and write effectively in the language.

Course Description:

This course explores literature and language in various forms. Students study media texts and literature from a range of genres, the development of language and the role of mass communication in our world. The relationship between language, identity and culture is explored and academic writing skills developed in preparation for tertiary study.

Korean A Literature

Qualification: IB

Group: 1

Level: Higher or Standard

Assessment:

Internal: 30% Type: Oral

External: 70% Type: Examination and written assignment

Prerequisites:

This course is for native speakers of Korean who are able to read and write effectively in the language.

Course Description:

This course explores various types of literature. Students study literature as a means of developing critical thought, academic writing skills and appreciation of global perspectives and influential writers. The study of the literature course extends students' literacy skills, in preparation for tertiary study.

Other Languages

If a student's first language is not offered at Kristin and they do not meet the prerequisites for English, they may meet the Group 1 requirements by studying their Language A Literature course through a private tutor. In such cases the school is able to facilitate arrangements, but the cost of tuition is over and above that covered by school fees.

Language Acquisition (Group 2)

Career Opportunities Include:

Advertising, broadcasting, diplomatic service, education, journalism, film subtitling, foreign affairs and treasury, business, hospitality and hotel management, international marketing, interpreting, international trade and relations, law, public service, tourism, translating.

English B, French B, Japanese B, Mandarin B and Spanish B

Qualification: IB

Group: 2

Level: Higher or Standard

Assessment:

Internal: 30%

Type: Interactive (10%) and individual oral (20%)

External: 70%

Type: Written examination composed of reading comprehension (25%) and essay writing (25%)
A written assignment is completed by students outside of class time (20%)

Prerequisites:

18 credits in the Level 1 language course with Merit grades in at least two achievement standards for Standard Level and Excellence grades in at least three achievement standards for Higher Level.

Course Description:

This course focuses on language acquisition and intercultural understanding. Students develop skills of listening, speaking, reading and writing through the study of the core topics of Communication and Media, Global Issues and Social Relationships plus a further two options selected by the teacher. Students develop an ability to interact and communicate clearly and effectively in a range of situations, express their opinions on a variety of subjects and to understand and use a range of vocabulary. Intensive oral practice with a native speaker is a core feature of the programme. Students read a range of literary and non-literary texts and learn to write in a range of formats such as interviews, articles, blogs, emails, diary entries, formal and informal letters.

Some students sit the Australian Language Certificate 3 in Term 3.

Spanish ab initio and Japanese ab initio

Qualification: IB

Group: 2

Level: Standard

Assessment:

Internal: 25%

Type: Individual oral (25%)

External: 75%

Type: Written examination composed of reading comprehension (30%) and essay writing (25%)
A written assignment is completed by students outside of class time (20%)

Prerequisites:

This course is designed for students with no previous experience of learning the language.

Course Description:

This two-year course focuses on language acquisition and intercultural understanding. Students develop skills of listening, speaking, reading and writing through the study of the core themes Individual and Society, Rural and Urban Environment, Leisure and Work. Students learn how to interact and communicate clearly and effectively in a range of basic situations and they explore the cultures of Spanish-speaking countries. Oral practice with a native speaker is a core feature of the programme. Students read a range of non-literary texts and learn to write in a range of formats such as informal or formal letters, diary entries, basic essays and brochures.

Individuals and Societies (Group 3)

Humanities

Career Opportunities Include:

Administration, anthropology, archives, conservation, counselling, education, environmental management, gallery and museum curating, heritage and conservation, historical research, legal services, local government, market research, organisational and industrial psychology, policy research, resource management, sociology, town planning, youth and justice and social services.

Commerce

Career Opportunities Include:

Accounting, education, financial consulting, human resources, information technology management, legal services, marketing and management, policy, project management, property, taxation, teaching, trade, valuation, web application development.

Business Management

Qualification: IB

Group: 3

Level: Higher or Standard

Assessment:

Internal: 25% (HL), 20% (SL) Type: Guided course work (written assignment)

External: 75% (HL), 80% (SL) Type: Written examination

Prerequisites:

No previous background in this subject is required. Students should have a minimum of 18 credits in Level 1 Business or, for students new to the subject, 16 credits in Level 1 English and 18 credits in Level 1 Mathematics. Students who are looking to take this subject at HL should have achieved some merits in the external standards in English and Mathematics.

Course Description:

This course caters for students who anticipate a business career or have an entrepreneurial focus and provides a good foundation for a commerce degree.

Individuals belong to organisations such as sole traders, partnerships, companies, clubs and non-profit organisations. This course examines organisational structure relating to principles of delegation, power and responsibility along with theories of leadership, motivation and communication. Analytical techniques used by businesses to make decisions including improving profitability, producing or outsourcing production and expanding or relocating are covered. Marketing strategies to produce the right product in the right place at the right time are discussed.

Most students in Business and Management choose to study at Higher Level.

Economics

Qualification: IB

Group: 3

Level: Higher or Standard

Assessment:

Internal: 20% (HL), 25% (SL) Type: Guided course work (written portfolio)

External: 80% (HL), 75% (SL) Type: Written examination

Prerequisites:

No previous background in this subject is required. Students should have a minimum of 18 credits in Level 1 Economics or, for students new to the subject, 18 credits in Level 1 English and 18 credits in Level 1 Mathematics. Students who are looking to take this subject at HL should have achieved some Merits in the external standards in English and Mathematics.

Course Description:

This course is aimed at students who wish to understand more about the New Zealand and World economies. It prepares students for further study of social sciences or business and gives them a personal understanding of the economic environment in which they live.

Traditional economic theory of demand and supply is taught and applied to a range of current economic situations. Students investigate inflation, unemployment, economic growth and development issues, international trade and exchange rates. Destruction of the environment, pollution as a result of production and reduction of poverty in the less-developed nations are interesting issues covered from an economic perspective.

The Higher Level course which most students choose to study, includes a study of the theory of how firms make decisions, which involves using graphical analysis and calculations.

Environmental Systems and Societies

Qualification: IB**Groups:** 3 and 4**Level:** Standard**Assessment:**

Internal:	25%	Type: Practical work
External:	75%	Type: Written examinations

Prerequisites:

16 credits in Level 1 Science including an Merit grade in any Science external achievement standard and an Achieved grade in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course.

Course Description:

This course provides students with a perspective on the interrelationships between ecosystems and societies. This should enable them to adopt an informed personal response to the wide range of environmental issues they will face.

The following topics are covered in this course: ecosystems and ecology, human populations and resource use, conservation and biodiversity, atmospheric systems and climate change, food production: water and terrestrial.

This is an interdisciplinary subject, meeting the requirements of both Groups 3 and 4.

Geography

Qualification: IB**Group:** 3**Level:** Higher or Standard**Assessment:**

Internal:	20% (HL), 25% (SL)	Type: Fieldwork
External:	80% (HL), 75% (SL)	Type: Written examination

Prerequisites:

Students should have a minimum of 20 credits in Level 1 Geography or Level 1 Humanities or 18 credits in Level 1 English for a student new to Geography.

Course Description:

IB Geography is a dynamic subject that focuses on the interactions between individuals, societies and the physical environment. It seeks to identify trends and patterns in these interactions and examines the processes behind them. It also investigates the way that people adapt and respond to change and evaluates management strategies associated with such change.

This course examines key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies on a variety of scales, from local to regional, national and international. Geography seeks to develop international understanding and foster a concern for global issues as well as to raise students' awareness of their own responsibility at a local level. It also aims to develop values and attitudes that will help students reach a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interconnected world.

History

Qualification: IB**Group:** 3**Level:** Higher or Standard**Assessment:**

Internal: 20% (HL), 25% (SL) Type: Historical investigation

External: 80% (HL), 75% (SL) Type: Written examination

Prerequisites:

No previous background in this subject is required. Students should have a minimum of 16 credits in Level 1 or Level 2 History or 18 credits in Level 1 English for a student new to History.

Course Description:

This course provides students with the opportunity to study individuals and societies in a range of historical contexts through exploring political, economic and social issues and developments. A key aim of the course is to provide students' understanding of themselves and of contemporary society by encouraging reflection on the past

During this course, students investigate a variety of sources, many of which are of a contentious nature. Students gain an understanding of why the work of historians differs over time and in different parts of the world. They also reflect on the role of the historian and limitations in the selection and interpretation of material.

The course includes topics on the causes, practices and effects of 20th century wars and the rise of superpower tensions and rivalries in the Cold War. Hungary and Afghanistan provide case studies. The Higher Level course comprises a study of the Soviet Union and post-WWII central and eastern Europe to 2000. At both levels students are required to complete an historical investigation on a topic of their choice.

Information Technology in a Global Society

Qualification: IB**Group:** 3**Level:** Higher or Standard

Assessment:

Internal: 20% (HL), 30% (SL) Type: Project
External: 80% (HL), 70% (SL) Type: Written examination

Prerequisites:

No previous background in this subject is required although Year 11 Digital Technology is recommended.

Course Description:

The Information Technology in a Global Society (ITGS) course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitised information at the personal, local and global level.

Students develop an understanding of how information technology affects businesses, health, education and training, politics and government, home and leisure and the environment from both theoretical and practical perspectives. ITGS students participate in a number of global co-operative projects with schools spanning the globe. They make extensive use of current and emerging technologies like social networks, gaming consoles and online environments, 3D Printers, computer aided design and manufacture, collaborative environments, video-conferencing and blogs. Students undertaking this course will develop skills in web development, databases and video production. The course offers a wide range of experiences and challenges for all students.

ITGS provides a framework for the student to make informed judgements and decisions about the use of IT within social contexts.

Psychology

Qualification: IB

Group: 3

Level: Higher or Standard

Assessment:

Internal: 20% Type: Experimental investigation
External: 80% Type: Written examination

Prerequisites:

No previous background in this subject is required. Students should have a minimum of 18 credits in Level 1 English.

Course Description:

This course provides an introduction to psychology by examining various explanations of human behaviour. Students are introduced to key theories, research methods used and the application of findings from the cognitive, biological and sociocultural levels of analysis. Further to this, two options are examined: the classification, cause and treatment of dysfunctional behaviour and an investigation into human relationships.

Students will also learn to apply experimental research methods, conducting a psychological experiment as part of the internal assessment requirements.

Experimental Sciences (Group 4)

Career Opportunities Include:

Behavioural and biological and biomedical science, earth science, ecological and environmental science, food science, health and social science, information science, molecular science, engineering, physical science, sport and exercise science.

Biology

Qualification: IB

Group: 4

Level: Higher or Standard

Assessment:

Internal:	20%	Type: Practical investigation
External:	80%	Type: Written examinations

Prerequisites:

16 credits in Level 1 Science including a Merit grade in a Biology external achievement standard and at least two Achieved grades in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Biology external achievement standard.

Course Description:

Biology is the study of life. It involves the interactions between organisms and their environment, the nature of cells, chemicals and systems that are important to life and how species change over time.

The following topics are covered in this course: cells, the chemistry of life, genetics, ecology and evolution, human health and physiology, further biochemistry, human reproduction, defence against disease, nerves, muscles and excretion, plant science and an additional option topic.

Chemistry

Qualification: IB

Group: 4

Level: Higher or Standard

Assessment:

Internal:	20%	Type: Practical investigation
External:	80%	Type: Written examination

Prerequisites:

16 credits in Level 1 Science including a Merit grade in a Chemistry external achievement standard and at least two Achieved grades in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Chemistry achievement standard.

Course Description:

Chemistry is the study of matter. It involves the behaviour of materials and what happens when substances react to form new substances.

This course covers: quantitative chemistry, atomic structure and bonding, states of matter, energy in reactions, rates, organic chemistry, equilibrium, acid/base chemistry, oxidation and reduction, periodicity and two further option topics.

Environmental Systems and Societies

Qualification: IB

Groups: 3 and 4

Level: Standard

Assessment:

Internal:	25%	Type: Practical work
External:	75%	Type: Written examinations

Prerequisites:

16 credits in Level 1 Science including an Merit grade in any Science external achievement standard and an Achieved grade in any of the other Science external achievement standards.

Advanced Science students must obtain 16 credits from the Advanced Science course.

Course Description:

This course provides students with a perspective on the interrelationships between ecosystems and societies. This should enable them to adopt an informed personal response to the wide range of environmental issues they will face.

The following topics are covered in this course: ecosystems and ecology, human populations and resource use, conservation and biodiversity, atmospheric systems and climate change, food production: water and terrestrial.

This is an interdisciplinary subject, meeting the requirements of both Groups 3 and 4.

Physics

Qualification: IB

Group: 4

Level: Higher or Standard

Assessment:

Internal	20%	Type: Practical work
External:	80%	Type: Written examination

Prerequisites:

16 credits in Level 1 Science including an Merit grade in a Physics external achievement standard and at least two Achieved grades in any of the other Science external achievement standards. A Merit grade in Algebra AS1.2 preferred.

Advanced Science students must obtain 16 credits from the Advanced Science course including a Merit in a Physics achievement standard.

It is expected that students choose SL or HL Mathematics rather than Mathematical Studies.

Course Description:

Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles - currently accepted as quarks, which may be truly fundamental - to the vast distances between galaxies. Theory is complemented by experimental work. Students develop traditional practical skills and techniques, and increase their abilities in the use of mathematics, which is the language of physics.

The core physics topics include measurements and uncertainties, mechanics, thermal physics, waves, electricity and magnetism, circular motion and gravitation, atomic, nuclear & particle physics, and energy production. Higher level students also study wave phenomena, fields, electromagnetic induction and quantum and nuclear physics. In addition, all students study cosmology and stellar evolution in the astrophysics option topic.

Sports, Exercise and Health Science

Qualification: IB

Group: 4

Level: Higher or Standard

Assessment:

Internal: 20% Type: Practical Investigation

External: 80% Type: Written examination

Prerequisites:

Students must have Achieved grades in all Level 1 Physical Education standards or 16 Credits in Level 1 Science including a Merit grade in any Science external standard and an Achieved in any other Science external standard.

Advanced Science students must obtain 16 credits from the Advanced Science course.

Course Description:

This course applies all of the scientific disciplines (biology, chemistry, physics) in order to explore human performance in sport, exercise and health.

This course covers the topics of: anatomy, exercise physiology, energy systems, movement analysis, motor learning, optimizing physiological performance and nutrition. Higher level students also study the endocrine system, genetics, fatigue and the immune system.

Computer Science

Qualification: IB

Group: 4

Level: Higher or Standard

Assessment:

Internal: 20% Type: Project

External: 80% Type: Examination

Prerequisites:

16 Level 1 Digital Technology credits or approval from the curriculum manager.

Course Description:

This science course requires the students to develop an understanding of computers and networks, computational thinking, problem-solving and programming, databases and object orientated programming.

The option for standard level and the option and extension for higher level is web science, where students will use a variety of development languages including HTML 4 & 5, CSS 3 and Javascript to develop and investigate different types of web pages.

Students will develop an understanding of programming, build data bases, incorporate these into the development of websites and develop and maintain networks.

Students will undertake a practical application of skills through the development of a product and associated documentation.

Mathematics (Group 5)

Career Opportunities Include:

Biostatistics, engineering, computation, information, financial, quality analysis, hydrology and meteorology, market research, mathematical modelling and forecasting, operations research, teaching.

Mathematics

Qualification: IB

Group: 5

Level: Higher

Assessment:

Internal:	20%	Type: Mathematical exploration
External:	80%	Type: Written examination

Prerequisites:

Students entering this course will have successfully completed Year 11 Advanced Mathematics. Consideration will also be given to high-achieving students who have achieved exceptional grades in all Level 1 Mathematics achievement standards including Excellence grades in AS 1.2 and 1.3 provided they have undertaken significant additional bridging work prior to beginning the course.

Course Description:

This course is aimed at students with a high competence and strong interest in mathematics. The majority of these students would expect to include mathematics as a major component of their university studies especially within courses such as engineering, physics, technology, computer science.

Topics include: algebra, calculus, probability and statistics, trigonometry, graphs and geometry. Extensive use of graphic calculators is required.

Mathematics

Qualification: IB

Group: 5

Level: Standard

Assessment:

Internal:	20%	Type: Mathematical exploration
External:	80%	Type: Written examination

Prerequisites:

19 credits in Level 1 Mathematics with Merit grades in at least two of the externally assessed Achievement Standards. Students must have gained Merit grades or better in AS 1.2 and AS 1.3. Students who have successfully completed the Year 11 Advanced Mathematics course may enter at Year 2 of this course.

Course Description:

The course focuses on introducing important mathematical concepts through the development of mathematical techniques and caters for students who will expect to need a sound mathematical background as they prepare for future studies in areas such as chemistry, economics, psychology and business.

Topics include: algebra, functions, equations, trigonometry, calculus, statistics and probability and vectors.

Mathematical Studies

Qualification: IB

Group: 5

Level: Standard

Assessment:

Internal:	20%	Type: Project
External:	80%	Type: Written examination

Prerequisites:

15 credits in Level 1 Mathematics. Students entering this course will not normally have met the requirements for the Mathematics (Standard Level) course.

Course Description:

This course is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies.

Topics include: introduction to the graphic display calculator, number and algebra, sets, logic, probability, functions, geometry, trigonometry, statistics, financial mathematics and introductory differential calculus. Extensive use of a graphics calculator is required.

The Arts (Group 6)

Career Opportunities Include:

Acting, animation, architecture, art, art curating, art education, art writing, broadcasting, conducting, dance, design (various), directing, film-making, illustration, jewellery, music, performance (various), photography, photo-journalism, sculpture, digital and multimedia design, education, fashion, furniture, textile and product design, graphic and interior design.

Dance

Qualification: IB

Group: 6

Level: Higher or Standard

Assessment:

Internal:	40%	Type: Performance
External:	60%	Type: Composition and Analysis / World Dance Investigation

Note - SL students will complete fewer choreographic and performance pieces for each assessment component than HL students.

Prerequisites:

Students are expected to have some basic practical experience of dance. There are no minimum Level 1 Dance credit requirements for entry. For students who have no experience of curriculum dance, an interview with the curriculum manager may be required.

Course Description:

Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures—past, present and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance.

Music

Qualification: IB

Group: 6

Level: Higher

Assessment:

Internal:	50%	Type: Solo performance, composition
External:	50%	Type: Listening examination, musical investigation

Prerequisites:

Successful completion of Level 1 Music (14 credits in Level 1 Music with Merit grades in at least three achievement standards) and/or at least three years of instrumental or voice tuition. Other interested students may also be admitted following an audition and interview.

Course Description:

This course builds on existing musical skills and knowledge enabling students to develop advanced abilities as performers, composers and listeners preparing students for tertiary study and the music industry. Students will engage in composition using traditional approaches and also through music technology. They will extend abilities in performance and musical analysis through studying diverse styles from across the globe and throughout history. Students will extend creative and critical thinking skills, collaborative work skills, research and self-management.

Music

Qualification: IB

Group: 6

Level: Standard (Two options, Solo or Group)

Assessment:

Internal:	50%	Type: Either Solo performance or Group performance
External:	50%	Type: Listening examination, musical investigation

Prerequisites:

Successful completion of Level 1 Music (14 credits in Level 1 Music with Merit grades in at least two achievement standards) and/or at least three years of instrumental or voice tuition. Other interested students may be admitted following an audition and interview.

Course Description:

This course builds on existing musical skills and knowledge enabling students to develop ability as performers, composers and listeners. Students will engage in music composition utilising traditional approaches and also music technology. Students will extend abilities in musical analysis in order to understand and explain music from diverse styles from across the globe and throughout history. Students will develop creative and critical thinking skills, collaborative work skills, research and self-management skills.

Theatre

Qualification: IB

Group: 6

Level: Higher or Standard

Assessment:

Internal:	HL 25%	Type: Collaborative Theatre Project
Internal:	SL 35%	Type: Collaborative Theatre Project
External:	HL 75%	Type: Director's Notebook/Research Presentation/ Solo Theatre Piece
External:	SL 65%	Type: Director's Notebook/Research Presentation

Prerequisites:

Students are expected to have some basic practical experience of drama. There are no minimum Level 1 Drama credit requirements for entry. For students who have no experience of curriculum drama, an interview with the curriculum manager may be required.

Course Description:

The IB Diploma Programme theatre course is a multifaceted theatre-making course of study. It results in the development of both theatre and life skills; the building of confidence, creativity and working collaboratively. It gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes the importance of working both individually and collaboratively as part of an ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists. The theatre course encourages students to appreciate that through the processes of researching, creating, preparing, presenting and critically reflecting on theatre, as participants and audience members, they gain a richer understanding of themselves, their community and the world.

Visual Arts

Qualification: IB

Group: 6

Level: Higher or Standard

Assessment:

Internal: 40%

Type: Exhibition

External: 60%

Type: Comparative Study, Portfolio

Prerequisites:

Visual Arts - artistic pathway:

Students need to have satisfactorily completed Level 1 Art.

Students who intend to specialise in photography/lens-based form will need to purchase a digital SLR camera.

Visual Arts - design pathway:

19 credits in Level 1 Graphics. Students with Achieved grades or better in AS 1.31, 1.32, 1.33 and 1.35 or 17 credits in Level 1 Technology (Soft), including Achieved grades in AS 1.1 and AS 1.4.

Course Description:

The Visual Arts course has two complimentary pathways, one with an emphasis on a design approach and a second with an emphasis on an artistic approach, which encourage students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. The course is structured so that it allows the student to specialise in one of three forms while still gaining the required familiarity in the other two.

The three forms are:

- Two dimensional forms – including graphics, painting, print making and drawing
- Three dimensional forms – including textiles, designed objects, site specific and sculpture
- Lens and screen based forms – including time-based and sequential art, digital and screen-based, and photography

The different pathways share common assessment and represent an engaging, hands-on inquiry-based course with increasing relevance in all career pathways in a world demanding creativity and imagination.

Planning your Tertiary Future

This list of frequently asked questions will be useful in helping you plan your tertiary future. Many of the tools listed here will be used during each student's academic mentoring session (p6). However, if you have any questions about tertiary study and you cannot find the answer here, feel free to contact your House Dean or the Assistant Principal responsible for Tertiary Futures.

University Entrance with IB Diploma

Entry to degree courses at New Zealand universities is granted to students who have gained the IB Diploma with a minimum score of 24 points. New Zealand universities generally do not have specific IB subject requirements but students must plan carefully to ensure they have the requisite background e.g. Physics and Mathematics to the highest level for engineering degrees.

Many university courses now require upwards of 26 points for admission. Students should therefore check the latest admissions information on the relevant tertiary providers' websites for information on preferential entry or minimum guaranteed scores.

University Entrance with NZQF

Entry to degree courses at New Zealand universities is granted to students who have gained NCEA Level 3 with the following additional requirements:

- 14 credits from Achievement Standards at Level 3 in each of three approved subjects
- 10 credits for numeracy, as for NCEA Level 1
- 10 credits for literacy at Level 2; 5 credits in writing and 5 credits in reading.

Credits can be accumulated over more than one year. Where a unit standard and an achievement standard assess the same learning outcome they are mutually exclusive for both NCEA qualifications and university entrance purposes.

Admissions to many courses at tertiary institutions often now require a minimum 80 NCEA Level 3 credits.

Where can I find more information about the requirements for university entrance (UE) for New Zealand and overseas?

University Entrance (UE) is the minimum requirement to go to a New Zealand university. To find out what is required to achieve UE, NCEA students should refer to the NZQA website: www.nzqa.govt.nz/qualifications-standards/awards/university-entrance.

IB Diploma Programme students can also search the university entrance requirements for many overseas universities and colleges by using the IBO university recognition tool at: ibo.org/recognition

Studying in New Zealand

How do I decide on a tertiary pathway that aligns with my skills and personal interests?

The No Major Drama planning tool helps you learn about majors for Bachelor degrees from across all New Zealand universities. Based on your skills and interests, No Major Drama lets you create your own personalised ranking of 181 major subject areas e.g. accounting, music, zoology etc., representing 730 specific majors for Bachelor degrees from across all eight NZ universities. You can try the No Major Drama at: kristin.nomajordrama.co.nz

Where can I find a list of financial scholarships and how do I go about applying for them?

GivMe is New Zealand's primary source of funding information for students, researchers, sports people, artists and those wanting professional development. GivMe's searchable database will give you the best matches of scholarships, awards and grants you are eligible for in terms of criteria, level of study and discipline along with closing dates, application requirements and contact details.

Access to GivMe is free for Kristin students when connected to the Senior School Network: generosity.org.nz/giv-me

Studying in Australia

How do I gain entry to university in Australia?

Following Year 13 external examinations, results for students seeking entry to Australian universities are aggregated and converted to a percentile scale called the Australian Tertiary Admission Rank (ATAR). This information is then provided to Australian Tertiary Admissions Centres and allows New Zealand students to be treated equitably with Australian students for tertiary entry and selection purposes.

If you apply for admission to study at a university in Australia, NZQA and the IBO will release your secondary school qualification results directly to your selected Australian universities or tertiary institutions.

How do I apply to study at a university in Australia?

If you are a New Zealand citizen then you must apply to the relevant Tertiary Admissions Centre or university:

Victoria Tertiary Admission Centre: www.vtac.edu.au

Universities Admission Centre (for NSW & ACT): www.uac.edu.au

Queensland Tertiary Admissions Centre: www.qtac.edu.au

Completion of NCEA Level 3 or the IB Diploma is the equivalent of completing the standard Australian Year 12 programme and normally satisfies the pre-requisite for application. Please check the application requirements of your selected universities carefully, particularly the requirements for completing an English course at an appropriate level. Most Australian universities require equivalent final secondary year study in English.

Studying in the USA

How do I go about planning a college future in the US?

Applying to a US college is a big job, but you can make it easier by breaking it down into a series of small steps. Fortunately, the US College Board has a useful tool called BigFuture to make college planning easy. You can access the US college planning tool at: bigfuture.collegeboard.org

How do I find out more about the SAT and SAT Subject Tests?

The SAT and SAT Subject Tests are a suite of tools designed to assess your academic readiness for college. These examinations provide a path to opportunities, financial support and scholarships, in a way that's fair to all students. The SAT and SAT Subject Tests keep pace with what colleges are looking for today, measuring the skills required for success in the 21st century. To find out more about the SAT and SAT Subject tests or to register to take the test at Kristin School, go to: sat.collegeboard.org/home

How do I apply to go to a US college?

The Common Application for college admission is a free online undergraduate application used by over 450 colleges and universities: www.commonapp.org

Studying in the UK

How do I apply to study at a university in the UK?

UCAS can help you find universities and colleges, research courses, complete an application using and check the progress of your completed application. They provide advice about subjects and qualifications through to funding your studies and being prepared for any challenges that may arise: www.ucas.ac.uk

How do I apply for a student visa to study in the UK?

The best place to start the application process is to visit the UK Council for International Student Affairs (UKCISA): www.ukcisa.org.uk/student/immigration.php

To stay up-to-date with what the Senior School is doing in the area of academic and tertiary planning, you can follow us on Twitter: [@KristinFutures](https://twitter.com/KristinFutures) and on Facebook: www.facebook.com/KristinFutures

Notes

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