



SAINT KENTIGERN

Boys and Girls
Years 11 -13



NZQA

NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTĀURANGA O AOTEAROA



ARTWORK SUPPLIED BY:
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2020

SENIOR COLLEGE COURSE HANDBOOK



SAINT KENTIGERN

NCEA (National Certificate in Educational Achievement) and IB (International Baccalaureate) Diploma Senior College Courses

Saint Kentigern's Senior College prides itself on our very strong academic programmes and the impressive results our students gain in both qualifications. We offer a diverse range of academic subjects and a choice of qualifications to prepare our young men and women for university and life beyond Senior College.

This Senior College NCEA and IB Diploma Course Handbook outlines the subjects that are available to study in 2020. The careful selection of an appropriate course of study is very important and should be made in discussion between students, parents, tutors, teachers and the Student Futures Department. Ultimately, your choice of subjects will determine next year's Senior College timetable and enable us to plan for staffing and resources.

Senior College years are a time for exploring avenues of interest. It is important to keep your courses varied for as long as possible. Work on your strengths and genuine interests – this will help you choose courses that you will both enjoy and know that you can properly manage alongside your co-curricular activities. Your choice of subjects requires careful thought to ensure you do not restrict opportunities in later years of study.

Whilst students entering the Senior College may not have determined their career direction, it is essential to begin the process of considering future areas of interest. There are suggestions in the first part of this handbook about how best to begin this process and a section on university courses at the end of the handbook.

Student Futures (led by Mrs Shaw) is able to help students seek information about the vast range of university courses, both in New Zealand and overseas as well as apprenticeships and careers.

A deadline will be set for selection of subjects. You should carefully consider your choice of subjects, as alterations are more difficult to make at a later stage.

We hope that the information in this Handbook will help you in the ongoing process of planning ahead for your future. If you need more information or help in making your decisions, be sure to talk to your Tutor, Head of House, Teachers and Mrs Shaw.

Mrs Suzanne Winthrop

MEdMgt(Hons), BA NCB Dip Tchg
Principal, Senior College

PLEASE NOTE

All courses offered in this booklet will only run if the minimum number of students selecting the subject is reached.

While the information given is accurate at the time of print, ongoing review of NCEA courses by NZQA may result in some changes to the Achievement Standards that are listed.

Senior College Staff

To make good decisions about subject choices and career pathways you need the right information. There are many teachers who can assist you to make an informed choice about whether a particular subject is right for you. In addition, the Student Futures room has a wealth of information about careers and tertiary study options.

Principal, Senior College..... Mrs S Winthrop
Deputy Principal..... Mrs A Robertson

Head of Enhanced Learning Senior College..... Mrs C Watts
Head of Student Academic Development Mrs T Plank
Head of Student Futures..... Mrs S Shaw
IB Coordinator..... Mr P Lee
NCEA Coordinator..... Mrs J MacDonald

Senior College (SC) Heads of Houses

Head of House Cargill.....Mr P Venter
Head of House Chalmers.....Mrs L Williams
Head of House Hamilton (maternity leave 2020)..... Ms N Neale
Head of House Stark..... Ms A Hamilton
Head of House Wilson..... Mr K Taylor
Head of House Wishart.....Mr T Parker

Heads of Departments (HoD)

Head of Art..... Mr R Stratton
Head of Biology..... Mr B Potter
Head of Chemistry..... Mr S Naidu
Head of Christian Education..... Mr J Sievers
Head of Classical Studies and Latin..... Mr M Clyne
Head of Commerce..... Mrs J Halas
Head of Dance..... Mr G Wilcox

Head of Drama..... Ms J Acheson
Head of English.....Ms J Wordsworth
Head of Geography..... tbc
Head of History..... Mrs B Anitelea
Head of Languages.....Mrs C Leishman
Head of Mathematics..... Mr V Mitchell
Head of Media (from Oct 2019)Mrs N Henderson
Head of Music..... Ms M Lin
Head of Physical Education Mr D Gundersen
Head of Physics..... Mr J Naude
Head of Sciences..... Mrs P Baird
Head of Technology..... Ms M Aitken

GLOSSARY

NCEA.....National Certificate of Educational Achievement
NQF..... National Qualifications Framework
NZQA..... New Zealand Qualification Authority
AS..... Achievement Standards
US..... Unit Standards

(Students are studying NQF Standards. The qualification they work towards is NCEA)

IB.....International Baccalaureate
IBO..... International Baccalaureate Organisation
HL..... Higher Level
SL..... Standard Level

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PLEASE NOTE

All courses offered in this booklet are subject to a minimum number of students selecting the course.

Whilst the information given is accurate at the time of print, ongoing review of NCEA courses by NZQA may result in some changes to the Achievement Standards that are listed

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Introduction

This 2019 Course Handbook contains a great deal of information for both students and their parents regarding the range of subjects and the choice of qualifications (NCEA and International Baccalaureate Diploma) offered to Senior College Students in Years 11, 12, and 13.

All Year 11 students take NCEA Level 1. During Year 11, students decide whether to continue with NCEA in Years 12 and 13 or opt to take the two year International Baccalaureate Diploma. There is a great deal of information in this Handbook about both qualifications to help make an informed decision.

There is a wide selection of subject choices at Saint Kentigern Senior College and the process of choosing options for study in the Senior College requires careful consideration so that opportunities for study are not limited in later years.

Read the course descriptions carefully as some subjects do not progress beyond Year 12. The Senior College Curriculum table on page 6 and 7 provides an overview of all the courses available in the Senior College.

Planning Your Course

As students plan their course, thought should be given to interests, skills and learning style. The choice of subjects should build on these.

We recommend students do not “specialise” too early and aim to maintain a broad range of subjects for as long as possible. This will help prevent limiting future study prospects. Students should select courses carefully as it will be more difficult to change them at a later date.

Where students have a particular career in mind, they may need to study specific subjects. There is a guide to tertiary study requirements and subject choices at the back of this Handbook but do be aware that University courses change frequently and the need to be proactive in seeking up to date information directly from the University or from Student Futures at the College is imperative.

As students plan their courses and choose subject options thought should be given to:

- Interests and abilities
- The subjects most enjoyed
- Skills possessed and ones to develop
- Preferred learning style
- Possible future career interests
- Subject requirements (prerequisites) at the next level
- Subject requirements if considering the IB Diploma
- Any entry criteria for tertiary education
- Whether there is flexibility to change a course if career goals change.

**ABILITY + INTEREST + CAREER GOAL
= YOUR COURSE CHOICE**

Student Futures

The Senior College is a time when students are giving thought to not only the courses they take in their Senior College years but also future study and career options.

Making a decision about the right courses can be challenging. The Student Futures office, run by Mrs Sandra Shaw, will guide your son or daughter through this process, offering individual appointments to discuss interests and aptitudes, preferred areas of study along with career goals and aspirations.

Student Futures runs a Futures Evening biennially in early June and are sought after during the Course Information Evening in August each year. They also offer a range of resources and information to help students with their transition from College including a work placement experience for interested Senior College students.

Information can be found on the College Student Futures OLE page providing links to universities and recommended subjects for programmes of study. It is suggested that time is taken to view.

Suggested tips for finding your career path:

- Explore a range of opportunities and experiences
- Ask these questions
 - What do I enjoy doing?
 - When do I get good feedback?
 - When have I felt a good sense of accomplishment?
 - Match the job requirements with the skills you have identified within yourself.

Useful links are:

www.careers.govt.nz

www.schoolconnect.co.nz

www.nomajordrama.co.nz

All students are encouraged to take advantage of the knowledge and expertise available through Student Futures.

SENIOR COLLEGE CURRICULUM 2020

	YEAR 11 (NCEA LEVEL 1)		YEAR 12 (NCEA LEVEL 2)	YEAR 13 (NCEA LEVEL 3) (NZQA Scholarship)	INTERNATIONAL BACCALAUREATE YEAR 12 - 13 IB DIPLOMA (NZQA SCHOLARSHIP)
ARTS	Dance	STUDENTS SELECT TO FOLLOW THE NCEA OR INTERNATIONAL BACCALAUREATE PATHWAY	Dance	Dance	GROUP 1 Studies in Language and Literature English A: Literature English A: Language and Literature
	Drama		Drama	Drama	
	Music		Music	Music	GROUP 2 Language Acquisition Chinese B French B Japanese B Latin B Spanish Ab-initio Spanish B
	Music Projects		Music Projects		
			Visual Art - Design	Visual Art - Design	
	Visual Art		Visual Art - Painting and Printmaking	Visual Art - Painting and Printmaking	
CHRISTIAN EDUCATION	Christian Education		Christian Education	Christian Education	GROUP 3 Individuals and Societies Business Management Economics Geography History
ENGLISH	English		English	English	GROUP 4 Experimental Sciences Biology Chemistry Physics
				English Visual	
	Media in Society		English Alternate		GROUP 5 Mathematics: Analysis and Approaches Mathematics: Applications and Interpretation
			Media in Society	Media in Society	
LANGUAGES	Chinese		Chinese	Chinese	GROUP 6 The Arts Film Studies Music Visual Arts
	French		French	French	
	Japanese		Japanese	Japanese	
	Latin		Latin	Latin	
	Spanish		Spanish	Spanish	
	Te Reo Māori		Te Reo Māori		
MATHEMATICS	Mathematics with Algebra OR Non-Algebra OR Numeracy				
			Mathematics with Calculus	Mathematics with Calculus	
			Mathematics with Statistics	Mathematics with Statistics	
			Mathematical Studies		
				Mathematics	

Note:

Christian Education and Core Physical Education are non-examinable. Unit standards courses are not an approved University Subject.

** New in 2020

	YEAR 11 (NCEA LEVEL 1)	YEAR 12 (NCEA LEVEL 2)	YEAR 13 (NCEA LEVEL 3) (NZQA Scholarship)	INTERNATIONAL BACCALAUREATE YEAR 12 - 13 IB DIPLOMA (NZQA SCHOLARSHIP)
PHYSICAL EDUCATION	Core Physical Education (compulsory) NCEA Physical Education	Core Physical Education (compulsory) NCEA Physical Education Coaching & Leadership Outdoor Education	NCEA Physical Education Outdoor Education Sports Leadership	CORE REQUIREMENTS In addition, all IB students are required to complete: <ul style="list-style-type: none"> • Theory of Knowledge • Extended Essay • Creativity, Action, Service (CAS)
SCIENCES	General Science (compulsory) with Biology OR Chemistry OR Physics	α-Biology or Biology α-Chemistry or Chemistry Physics or Physics - Calculus based Science Studies	α-Biology or Biology α-Chemistry or Chemistry Physics or Physics - Calculus based Science Studies	CHRISTIAN EDUCATION (compulsory and non-examinable) Note: A second subject from another group can be selected instead of a Group 6 subject. Many students use this option to take another specialised subject so that they can meet university prerequisites.
SOCIAL SCIENCES	Accounting Business Classical Studies Economics Geography History	Accounting Business ** Classical Studies Economics Financial Literacy (unit standard course) Geography History Travel & Tourism (unit standards course)	Accounting Business** Classical Studies Economics Financial Literacy (unit standard course) Geography or Core Geography History Travel & Tourism (unit standard course)	
TECHNOLOGY Technology and Art have a broad mix of standards all of which are unable to be outlined. Where necessary, students can be placed on an Individual Education Plan (IEP), which may vary from the standards outlined in each subject.	Digital Technology Fashion & Textiles Design Food Technology Product Design Spatial Design	Animation & Motion Graphics Computer Science Fashion & Textiles Design Food Technology Product Design Spatial Design	Animation & Motion Graphics Computer Science Fashion & Textiles Design Food Technology Product Design Spatial Design	

Qualifications - Providing Choice

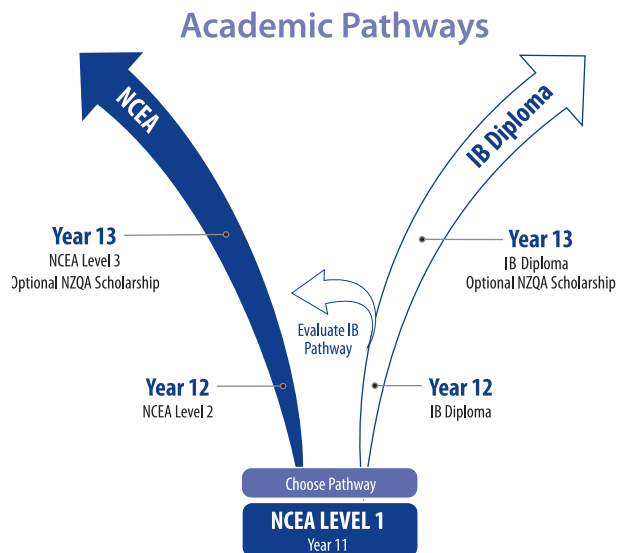
SHOULD I CHOOSE NCEA OR THE INTERNATIONAL BACCALAUREATE?

In 2008, Saint Kentigern College gained accreditation as an IB World School enabling the College to offer the International Baccalaureate (IB) Diploma as a different qualification pathway to NCEA for students in Years 12 and 13.

During Year 11, all Saint Kentigern College students undertake NCEA Level 1 qualifications.

At Year 12, students choose to either continue with NCEA or begin the two year IB Diploma course.

Whilst many of our students will elect to continue with NCEA in Years 12 and 13, we believe that it is important to be able to offer a choice of qualification pathways.



NCEA

NCEA is the national qualification for senior secondary school students in New Zealand. Since the introduction of NCEA, the College has been very pleased with the performance of our students at all three NCEA Levels; their results have consistently placed Saint Kentigern College as one of the top performing schools in the country. NCEA is the qualification pathway that the majority of our students will select.

Understanding NCEA

At each Level of the qualification (Level 1, Level 2 and Level 3), students are assessed on the learning attained in their selection of subjects.

Achievement Standards

Individual NCEA subjects are subdivided into Achievement Standards, some of which are assessed internally (and moderated externally) during the course of the academic year and some externally through the NZQA (New Zealand Qualifications Authority) national examinations at the end of the year. Each successful assessment earns credits that contribute to a certificate at Level 1, Level 2 or Level 3. Most subjects offer between 16 and 24 credits.

How many Credits do I need?

At the end of each NCEA subject section, appearing in this handbook is a table of Achievement Standards for that subject. Each standard is worth a set number of credits that count towards NCEA. This diagram shows how many credits are required to be awarded a certificate at each level.

LEVEL 2		LEVEL 3	
LEVEL 1	80 credits at Level 2 OR ...	60 credits at Level 2 or above PLUS 20 credits at any level	80 credits at Level 3 OR
80 credits at any level (Level 1, 2 or 3). Including 10 in literacy and 10 in numeracy		60 credits at Level 3 or above PLUS 20 credits at Level 2 or above	

There are four different levels of assessed results for Achievement Standards:

Not Achieved (N) - The student has not met the required standard

Achieved (A) - The student has met the required standard

Merit (M) - The student has achieved the standard with Merit

Excellence (E) - The student has achieved the standard with Excellence

Unit Standards

These are internally assessed standards, generally for less academic subjects, that are assessed at the College during the year as learning takes place. These can also contribute credits towards NCEA.

There are only two different levels of results for most Unit Standards:

Not Achieved (N) - The student has not met the required standard

Achieved (A) - The student has met the required standard

Endorsement of Certificates

Students who have been successful receive NCEA certificates at the end of each year of study (Level 1, Level 2 and Level 3). These certificates show that a student has achieved the required number of credits at a particular level.

To encourage students to do their best, those who gain sufficient credits at Merit (50 credits at Merit or above) or Excellence (50 credits at Excellence level) will have this recognised on their certificates.

Endorsement of Courses

Course endorsement provides recognition for students who perform exceptionally well in individual courses. A course endorsement can be gained independently of a qualification. For example, a student may gain a Merit endorsement for their Level 2 Mathematics course without achieving the NCEA Level 2 qualification.

Rules for calculating a course endorsement:

- A course will be endorsed with Excellence when the student achieves 14 or more credits with Excellence in the course
- A course will be endorsed with Merit when a student achieves 14 or more credits with Merit or Excellence in the course
- These 14 or more credits must include a minimum of 3 internally assessed credits and 3 externally assessed credits. Exempted from this rule are courses that include 14 or more credits in Physical Education or Religious Studies or Level 3 Visual Arts

A course will be endorsed:

- If 14 or more credits are achieved with Merit or Excellence from internally assessed Physical Education or Religious Studies standards
- If 14 credits are achieved with Merit or Excellence from one of the externally assessed Level 3 Visual Arts or 14 or more credits are achieved with Merit or Excellence from internally assessed Level 3 Visual Arts standards
- The course must be completed within one school year

All Year 11, 12 and 13 NCEA students will be assessed against NQF Achievement Standards or Unit Standards. For each subject studied, there are 5-9 Achievement Standards and/or Unit Standards (Unit Standards are generally for less academic subjects). Each Achievement/Unit Standard is worth a set number of credits, generally between 2 and 6 credits. Most subjects consist of courses which offer between 16 and 24 credits.

EXAMPLE
Below is an example of Level 1 Economics showing the modules of work divided into 5 Achievement Standards plus an available optional Achievement Standard. It shows whether the subject has Literacy or Numeracy credits, how the subject is assessed (internally or externally) and the maximum number of credits that can be earned from this course.

Each subject is divided into 5-9 modules of work. The modules will either be Achievement Standards or Unit Standards. This example shows that Level 1 Economics has 5 Achievement Standards. The letters in brackets show whether the standard contributes to the Literacy or Numeracy requirement

Some assessment is based on work completed and assessed at school (internal) and moderated. Some modules are assessed by a national examination (external)

If the Standard is achieved, a student earns a number of credits

NCEA LEVEL 1 - ECONOMICS			
AS90983 (L)	Demonstrate understanding of consumer choices, using scarcity and/or demand	External	4
AS90984 (L)	Demonstrate understanding of the decision a producer makes about production	Internal	5
AS90985 (L)	Demonstrate understanding of producer choices, using supply	External	3
AS90986 (L)	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	External	5
AS90988 (L)	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	Internal	3
Total Possible Credits			20
Optional NCEA Level 1 Economics (with HoD approval)			
AS91228 (L)	Analyse a contemporary economic issue of special interest using economic concepts model	Internal	4

An Achievement Standard identification number starts with AS. Unit Standards begin with US

During the year, students will be assessed either internally or externally (national examination) on what they learn in these modules of work

The maximum number of credits available for each subject varies. For Level 1 Economics, the maximum number of credits that can be earned is 20 plus 4 additional credits offered in an optional achievement standard

International Baccalaureate Diploma

Students entering Year 12 have a choice of qualifications. They may choose to continue with NCEA or opt for the International Baccalaureate (IB) Diploma; a two year course that leads to a qualification that is widely recognised by universities around the world.

Students who select the IB Diploma at Year 12 should regard this as a two-year commitment, however, those whose attainment at the end of Year 12 appears insufficient to meet the IB Diploma requirements may be advised to reassess their qualification pathway for Year 13.

The IB Diploma programme emphasises high academic standards in the mandatory areas of literature, a second language, mathematics, humanities and science. Academic excellence is coupled with an emphasis on personal development through the IB Learner Profile, in areas such as international-mindedness, social awareness and tolerance, and organisational and research skills.

The IB Diploma programme is aimed at average to good self motivated students with a strong work ethic; it is not an elitist qualification but its rigorous standards and in-depth study of subjects do require commitment, organisation and initiative.

IB Diploma students take six subjects of which three subjects are studied in depth at Higher Level (HL) and three at Standard Level (SL). In addition, the programme has three compulsory course requirements that are included to broaden the educational experience and challenge students to apply their knowledge and understanding. This requires students to complete a course in the Theory of Knowledge (TOK), write a 4000 word Extended Essay (EE) and participate in Creativity, Activity and Service (CAS).

IB Diploma subjects are assessed by a combination of continuous course work and external examinations at the end of the two year programme.

Full details about the International Baccalaureate Diploma programme at Saint Kentigern College begin on page 144 of this Handbook.

For more information about the International Baccalaureate Organisation Worldwide, visit: www.ibo.org



NZQA Scholarship Examinations

Scholarship is a national external assessment for top Senior College students. Scholarship examines course material related to, and in extension to NCEA Level 3. Where course work is similar, IB Diploma students are encouraged to sit Scholarship examinations.

Scholarship examinations are demanding and require students to demonstrate high-level critical thinking and analytical skills, a comprehensive understanding of key content as well as advanced written language skills. NZQA's intention is that 3% of the total number of Year 13 students in the country sitting Level 3 in each of the available subjects will be awarded a Scholarship, provided Scholarship standards are met. Of the top 3% nationwide who gain a Scholarship pass, a small number, equating to approximately 0.5% nationwide, will be accorded an Outstanding Scholarship.

Each year between 5 to 10 students nationwide are selected for a Premier Scholars Award.

Successful Scholarship students gain substantial monetary awards. A Scholarship in just one subject receives \$500, as a single payment. Other Scholarship awards result in payments spanning three years of successful tertiary study. These awards are outlined in the table.

Saint Kentigern College has had great success preparing our students for these rigorous examinations.

Scholarship examinations offered at Saint Kentigern College are:

Drama	Chemistry	Calculus	Statistics
English	Media Studies	Classical Studies	French
History	Economics	Biology	Art History
Geography	Physics	Japanese	Spanish
Chinese	Accounting	Latin	Music

In conjunction with the above there are other scholarship subjects offered that do not have an end of year exam but are portfolio or writing/essay based. These are: Visual Arts, Technology, Physical Education and Dance.

Students can also sit, but do not necessarily have to be studying, the following subjects; Earth & Space Science, Agriculture and Horticulture Science, Geography, Physical Education. For further information regarding Scholarship in these subjects please contact Mrs Angee Robertson, Deputy Principal Senior College.

Premier Award

For the very top 5 to 10 candidates in New Zealand. The minimum eligibility requirement to be considered for this award is 5 or more Scholarships with at least three at 'Outstanding' level.

Award: \$10,000 each year for up to three years as long as candidates maintain at least a 'B' grade average in tertiary study.

Outstanding Scholar Award

Either:

At least two Scholarships at 'Outstanding' level plus at least one at 'Scholarship' level; or

One Scholarship at 'Outstanding' level plus five or more at Scholarship level.

Award: \$5,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary study.

Scholarship Award

For candidates who get Scholarship in three or more subjects.

Award: \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study.

Top Subject Scholar Award

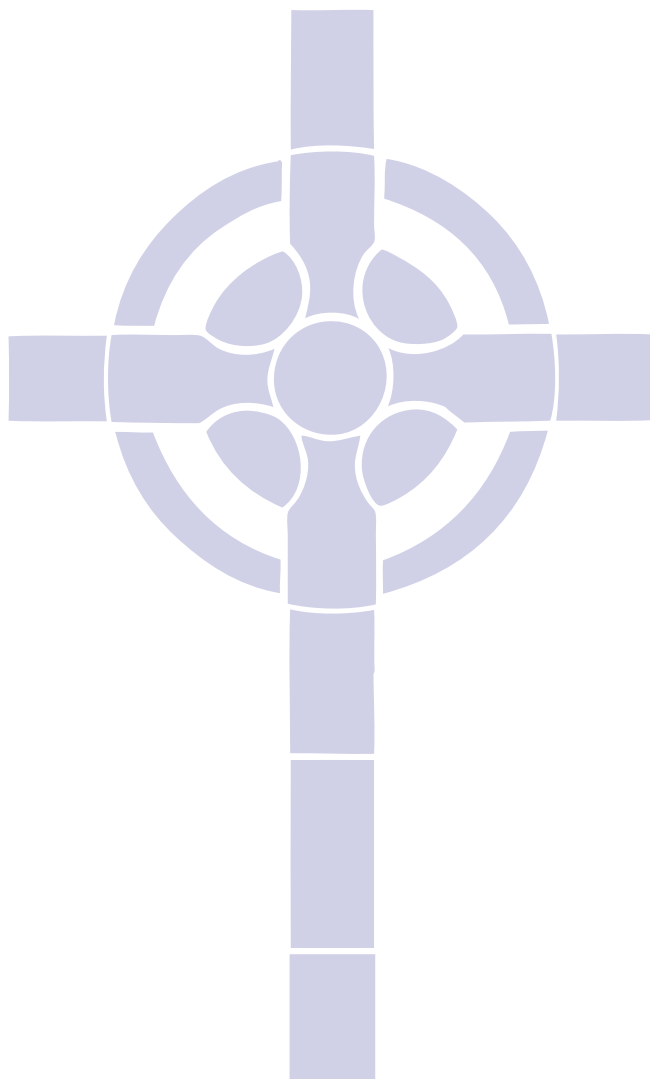
For the top candidate in each one of the Scholarship subjects.

Award: \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study.

Single Subject Awards

For candidates who get Scholarship in one or two subjects.

A 'one-off' award of \$500 per subject (maximum payment \$1000).



Course Structure for Year 11 Students - NCEA

The national qualification for students in Year 11 is Level 1 of the National Certificate of Educational Achievement (NCEA). Some students at Saint Kentigern College also study for some Level 2 Achievement Standards in Year 11.

In Year 11 all Saint Kentigern students take six subjects, comprised of the 3 core subjects (English, Mathematics, General Science) and three selected subjects.

In addition to these six subjects, all students have courses in Christian Education, Physical Education and Health.

When selecting courses for Year 11, students should look ahead to Year 12 and 13, also taking into account their long term career aspirations. Level 1 subjects have a combination of internally and externally assessed Achievement Standards. These are outlined in the assessment table for each subject.

Each Achievement or Unit Standard has a credit value. The number of credits for a full year course ranges from 16-24 credits depending on the course. To be awarded NCEA Level 1, a student must achieve 80 credits. At Level 1, 10 of these credits must be in literacy standards and 10 in numeracy standards. During Year 11, students will select their qualification pathway for Years 12 and 13, either NCEA or IB.

The Senior College Curriculum table on page 6 and 7 shows how each subject flows to the next year level.

Information about requirements for courses at tertiary level can be found beginning on page 172.

YEAR 11 SUBJECTS Qualification: Level 1 NCEA
English Media in Society
Mathematical with Algebra or Mathematics Non Algebra or Mathematics Numeracy
General Science Only one additional Science option may be taken from the options below: Biology Chemistry Physics Science Studies
Classical Studies Geography History Accounting Business Economics
Chinese French Japanese Latin Spanish Te Reo Maori (TBC)
Dance Drama Music Music Projects Visual Art
Physical Education (Compulsory) Physical Education (NCEA)
Digital Technology Fashion and Textiles Design Food Technology Product Design
Spatial Design

Accounting

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Level 1 Accounting, although it is an advantage that students have completed the Enterprise Studies course in Year 10. Students are welcome to take Accounting as a stand-alone commerce subject or alongside either the Level 1 Business or Economics course.

Introduction

Accounting enables the student to understand, process and communicate financial information for both an individual and a wide variety of business entities. It promotes self-management of personal financial skills that are essential in daily life. Students also develop the ability to apply financial knowledge and skills to practical situations. It provides the basis for the accurate processing of data into meaningful information which in turn is analysed and interpreted to assist a myriad of users of financial reports to make wise decisions.

This subject leads to a Level 3 approved UE course.

Course Outline

At Level 1, students study Accounting specifically as it affects individuals, households, community organisations and sole proprietor's businesses. It equips students with the ability to cope with the essential skills of modern money management regardless of the career path they choose in their future. Other specific skills developed include the presentation, interpretation, and analysis of financial statements, together with the ability to apply conceptual knowledge to assist in decision-making.

Small business entities are studied under the five essential strands:

- The Conceptual Basis of Accounting
- Processing of Information
- Accounting Reports
- Accounting for Community Organisations
- Analysis, Interpretation and Decision Making.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy

Assessment

AS90976 (L)	Demonstrate understanding of accounting concepts for small entities	External	3
AS90977	Process financial transactions for a small entity	Internal	5
AS90978	Prepare financial statements for sole proprietors	External	5
AS90979 (L)	Prepare financial information for a community organisation's annual general meeting	Internal	4
AS90980 (L)	Interpret accounting information for sole proprietors	External	4
Total Possible Credits			21

Biology

Qualification: NCEA Level 1

Entry Requirement

Students must also be taking Level 1 Science. It is recommended that students selecting Year 11 Biology should have achieved the Biology section in the Year 10 exam.

Students may only choose one additional Science subject from Biology, Chemistry and Physics.

This course is **NOT** a prerequisite for Level 2 Biology.

Introduction

Appreciating how conditions affect the life processes of living things is what studying Year 11 Biology is all about. We learn how humans use, and are affected by, micro-organisms in industry, our diet, our immunity and medicine. We research the issue of immunisation to help make informed choices. We carry out practical investigations around circulation, respiration and exercise, and learn about the mammalian digestive system. We also investigate the effect that different conditions have when making fermented foods and on plant germination and photosynthesis.

This subject leads to a Level 3 approved UE course.

Course Outline

Students will

- Demonstrate understanding of biological ideas relating to a mammal as a consumer.
- Carry out a practical investigation in a biological context, with direction.
- Demonstrate understanding of biological ideas relating to micro organisms.
- Investigate life processes and environmental factors that affect plants and microbes.
- Report on a biological issue.

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Assessment

AS90926 (L)	Report on a biological issue	Internal	3
AS90927 (L)	Demonstrate understanding of biological ideas relating to micro-organisms	External	4
AS90929 (L)	Demonstrate understanding of biological ideas relating to a mammal as a consumer	External	3
AS90949	Investigate life processes and environmental factors that affect them	Internal	4
AS90925 (N)	Carry out a practical investigation in a biological context, with direction	Internal	4
Total Possible Credits			18

Contact: Mr B Potter

Business

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Level 1 Business, although it is an advantage that students have completed the Enterprise Studies course in Year 10. Students are welcome to take Business as a stand-alone Commerce subject or alongside either the Level 1 Accounting or Economics course. Students should take note of the significant literacy component of the course.

Introduction

Business exposes students to New Zealand's enterprising culture and encourages them to develop their business knowledge and decision making skills in order to be active participants in New Zealand's economic future. Students are encouraged to work closely with local businesses in our community to develop the following essential skills:

- Investigating the recruitment process in the context of a local business
- Analysing and applying their understanding of marketing mix to a new product
- Debating the importance of ethics and values in business practices
- Researching, reviewing and evaluating a local sustainable business practice
- Building interpersonal skills when engaging with business mentors
- Collaborating and problem solving with peers to brainstorm ideas of a suitable product to take to market
- Accepting roles and responsibilities in a business activity
- Seeking, accepting and reflecting on critical feedback

This subject leads to a Level 3 approved UE course.

Course Outline

At Level 1, students use the context of small to medium businesses within the local community to understand how, as a result of internal and external factors, operational decisions are made and consequences these have on the success of their businesses. Students also apply their business knowledge to plan, carry out, and then review a one-off business activity, basing recommendations for the future on market feedback.

All standards in this course are Achievement Standards and allow students to:

- demonstrate their understanding of the internal features of a small business and the external factors influencing their success
- discuss an operational problem, its causes and impacts, and apply business knowledge to provide possible solutions and recommendations to address issues
- demonstrate their understanding of the marketing mix to the development a new or existing product
- demonstrate their understanding of aspects of the human resource process
- develop and carry out a business plan for a product-based business within a safe environment

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90837 (L)	Demonstrate an understanding of internal features of a small business	External	4
AS90839 (L)	Apply business knowledge to an operational problem(s) in a given small business context	External	4
AS90840 (L)	Apply the marketing mix to a new or existing product	Internal	3
AS90841 (L)	Investigate aspects of human resource processes in a business	Internal	3
AS90842 (L)	Carry out and review a product-based business activity within a classroom context with direction	Internal	6
Total Possible Credits			20

Contact: Mrs T Ramakers

Chemistry

Qualification: NCEA Level 1

Entry Requirement

Students must be studying Level 1 Mathematics with Algebra. Students must also be taking Level 1 General Science - preferably General Science with Chemistry. This course is **NOT** a prerequisite for Level 2 Chemistry but provides additional advantages when choosing Chemistry the following year.

Introduction

Chemistry is about the structure of matter and controlling its changes for our benefit. We use chemistry to take matter apart and to put it together again in useful ways (medicine, fuels, plastics and superconductors). Experimental work is central to Chemistry and helps students discover important facts and understand theory. This subject leads to a Level 3 approved UE course.

Course Outline

- Investigate and learn the relationships between atoms, ions, and molecules
- Patterns of chemical behaviour and their use in industrial applications
- Chemistry of Carbon Compounds
- Properties of Metals, acids and bases
- Undertake a practical chemical investigation

Level 1 Literacy and Numeracy

Standards marked N go towards meeting the Level 1 Numeracy requirements.

Assessment

AS90930 (N)	Carry out a practical chemistry investigation, with direction	Internal	4
AS90932	Demonstrate understanding of aspects of carbon chemistry	External	4
AS90934	Demonstrate understanding of aspects of chemical reactions	External	4
AS91911	Carry out an investigation into chemical species present in a sample using qualitative analysis	Internal	4
Total Possible Credits			16

Chinese

Qualification: NCEA Level 1

Entry Requirement

The Chinese Course is a continuation of Chinese in Years 9 and 10.

Students must have a minimum of 2 year’s full-time study in the target language before entering the Level 1 Chinese course.

Introduction

Chinese is the most widely spoken language in the world. Because of the large, prosperous economy and the developing trading relationship with New Zealand, it is currently a relevant and very popular foreign language to learn. Its culture has a history of more than 5000 years. This course reinforces and builds on the student’s ability to engage in everyday life in their community in conversation, encompassing elements around the student’s local environment, their daily activities and experiences, and also in transactional situations such as shopping, giving directions, supplying and receiving information.

Course Outline

As a continuation of the course in Years 9 and 10, the Year 11 course extends the understanding of vocabulary, grammar and script. There is a focus on listening, reading, writing and speaking Chinese throughout the course.

Cultural knowledge is integrated into the language course.

Assessment

AS90868	Demonstrate understanding of a variety of spoken Chinese texts on areas of most immediate relevance	External	5
AS90869	Give a spoken presentation in Chinese that communicates a personal response	Internal	4
AS90871	Demonstrate understanding of a variety of Chinese texts in areas of most immediate relevance	External	5
AS90872	Write a variety of text types in Chinese on areas of most immediate relevance	Internal	5
Total Possible Credits			19

Christian Education (Compulsory)

Qualification: NCEA Level 1

Introduction

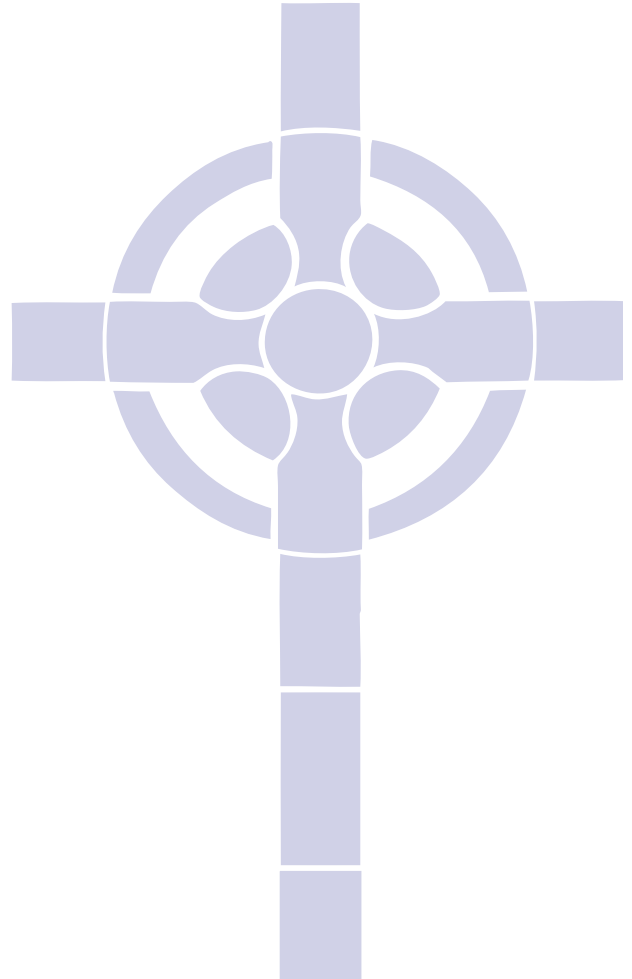
Christian values are an intrinsic part of the special character of Saint Kentigern College and all Year 11 students take Christian Education. The Christian Education Department is constantly evolving its programmes to ensure that they are interesting, relevant and challenging for our students in their development as young men and women on their faith journeys - whatever they perceive that to be. In the Senior College, a wide range of relevant and contemporary resources are used in what is generally an informal, discussion-based, non-assessed theological and philosophical exploration of issues of Christian life and faith.

Course Outline

Students' earlier studies in Years 7 to 10 will have provided them a foundational understanding of the Christian faith. The aim of the Year 11 course is to use this understanding to develop students' moral and religious character by confronting them with both the teachings of Jesus and the realities of our modern world. Contemporary topics such as sense of self and identity, relationships and connectedness, loss of relationship, the meaning of life, and the concept of Grace are explored utilising a variety of media to contrast our world with the teachings of Jesus contained in the Gospels.

Assessment

There is no formal assessment for this course.



Classical Studies

Qualification: NCEA Level 1

Entry Requirement

There is no prerequisite for this course as entry point for Classical Studies is at Level 1. As an English rich course, it is advantageous to have essay writing skills, research skills, and high reading comprehension. These abilities can be gauged through English and Social Studies results.

Introduction

Classical Studies is the study of the civilisations of ancient Greece and Rome. Classical Studies emphasises the historical importance of these civilisations to the cultural tradition of Western Europe, which is an important part of contemporary New Zealand culture. It is a multidisciplinary subject which includes the study of history, literature, philosophy, mythology, art, architecture and ancient social customs. The diverse nature of Classical Studies enables students to understand the foundations of western society and thus gain further insight into contemporary society as well as the ancient world's connection with other intellectual disciplines.

This subject leads to a Level 3 approved UE course.

Course Outline

- Homer's Epic poetry - a literary exploration of epic poetry, Homeric society and the Homeric hero.
- Greek Mythology - a literary, art, and architectural examination of Greek myths and legends, discovering how the ancient Greeks ordered and rationalised their world.
- Greek art and Architecture – students will examine and understand the iconic building and portraits during the Golden Age of Athens.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS91021 (L)	Demonstrate understanding of ideas and values of the classical world.	External	4
AS91024 (L)	Demonstrate understanding of social relationships in the classical world	Internal	6
AS91022 (L)	Demonstrate understanding of the significance of features of work(s) of art in the classical world	External	4
AS91025 (L)	Demonstrate understanding of links between aspects of the classical world and another culture	Internal	6
Total Possible Credits			20

Dance

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Dance.

Introduction

Dance is expressive movement with intent, purpose and form and is a vital and integral part of human life. It exists in many forms and styles and is practised in all cultures. Dance functions as artistic endeavour, as ritual, as social discourse and as education. Dance is a unique medium for learning about self and the world. It is an essential component of artistic, aesthetic and cultural education and develops creative potential through physical, non-verbal expression.

Course Outline

Students in Level 1 Dance are able to select an individual course with available credits up to 24. Students will:

- Develop practical knowledge of dance genre or styles
- Explore and use choreographic processes to give form to dance WWWideas
- Compose and perform movement and dance sequences

- View, interpret and respond to dance performances
- Learn and use dance vocabularies to perform a variety of dance sequences
- Perform in a choreographed, group dance work.

This subject leads to a Level 3 approved UE course.

Extension Dance

Extension Dance is an accelerated class in which students that have achieved at an Excellence level and are capable, be offered Achievement Standards at a level above their year group.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90002	Perform dance sequences	Internal	6
AS90858	Compose dance sequences for given briefs	Internal	6
AS90859	Demonstrate ensemble skills in a dance	Internal	4
AS90860 (L)	Demonstrate understanding of the elements of dance	Internal	4
AS90861 (L)	Demonstrate understanding of a dance performance	External	4
Total Possible Credits Up To			24

Digital Technology

Qualification: NCEA Level 1

Entry Requirement

A Year 10 course in Technology, Spatial Design or Visual Art, however, Year 10 in this specialist area is preferable..

Course Outline

Level 1 Digital Technology is designed to foster creative and critical practice in a project based environment.

The primary focus of this course is on how to design authentic and contemporary products within the context of this ever changing specialist field. It is a broad introduction to ensure students have the opportunity to develop their thinking, design and practical skills in this area. Projects may develop skills such as: ideation and development for digital products; industry standard pipeline and workflows; mark-up language and UX design; creating digital media content such as animation, moving image and digital illustration, 3D modelling and conceptual design for digital products. Specialist areas that would be beneficial to study in support to Digital Technology at Level 1 would be Visual Art - Design and Photography.

This subject leads to a Level 3 approved UE course.

Additional Course Costs & Special Requirements

Students must have a laptop computer that has the ability to run the Adobe Suite - 16GB of RAM is recommended.

Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

Future Pathways

Digital Technology splits into Animation and Motion Graphics and Computer Science at Level 2 and Level 3. Students can select one or both of these courses to study. All courses in Technology lead to UE approved Level 3 courses.

Assessment

AS91883	Develop a computer programme	Internal	4
AS91884 (L)	Use basic iterative processes to develop a digital outcome	Internal	6
AS91880 (L)	Develop a digital media outcome	Internal	4
AS91886 (L)	Demonstrate understanding of human computer interaction	External	3
Total Possible Credits			17

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as an academic report and/or a portfolio.

Contact: Ms M Aitken

Drama

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Drama.

Introduction

Drama is about exploring and developing dramatic ideas in inventive and imaginative ways. It involves communicating ideas and feelings in performance. Drama aims to help students gain self-discipline, self-awareness, respect for others and the ability to work in a team. Students will learn to present themselves with increased confidence through Drama.

Course Outline

Students may choose an individual course up to a total of 18 credits. This allows them to focus on production, performance, technical drama or a combination of the three. Selections should be made in consultation with the Head of Drama.

- Use of drama techniques (voice, body, movement, awareness of space)
- Devising short drama pieces
- Performing a role and developing a character
- Performing technical or production roles i.e. lighting design, set design
- Knowledge of theatre history
- Communicating through space, movement and scripted dialogue
- Developing imagination, empathy, self-confidence and self-discipline
- Viewing and analysing live theatre productions.

This subject leads to a Level 3 approved UE course.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

Performance Standards

AS90009 (L)	Perform an acting role in a scripted production	Internal	5
AS90011 (L)	Demonstrate understanding of the use of drama aspects within a live performance	External	4
AS90997 (L)	Devise and perform a drama	Internal	5
AS90999 (L)	Select and use features of a drama/theatre form in a performance	Internal	4
Total Possible Credits up to			18

Production & Technical Standards (optional)

US26686	Demonstrate and apply knowledge of simple stage lighting for a performance context	Internal	4
US26688	Demonstrate knowledge and techniques of make up application for a performance context	Internal	4
US26689	Demonstrate knowledge of costuming for a performance context	Internal	3
US26691	Assist in a performing arts production by undertaking a specified production role	Internal	2
Total Possible Credits up to			18

Contact: Mrs J Acheson

Economics

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Level 1 Economics although it is an advantage that students have completed the Enterprise Studies course in Year 10. Students are welcome to take Economics as a stand-alone commerce subject or alongside either the Level 1 Accounting or Business course.

Introduction

Economics is the study of us. As economists, we study who we are, how we have created societies and the incentives that drive our actions. Each individual, group or nation is faced with a scarcity of resources. In economics, as an applied social science, students will gather information in order to outline possible solutions to this problem of scarcity.

This subject leads to a Level 3 approved UE course.

Course Outline

Level 1 Economics aims to create an understanding of the relationships between consumers and producers as they interact in the marketplace. Students will learn the underpinnings of the Demand and Supply model and use this tool to examine consumer, producer and government actions.

Students will be introduced to the key economic concepts of scarcity, opportunity cost, interdependence and equilibrium. These concepts provide the foundation for study in Level 2, Level 3 and University Economics.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90983 (L)	Demonstrate understanding of consumer choices, using scarcity and/or demand	External	4
AS90984 (L)	Demonstrate understanding of the decision a producer makes about production	Internal	5
AS90985 (L)	Demonstrate understanding of producer choices, using supply	External	3
AS90986 (L)	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	External	5
AS90988 (L)	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	Internal	3
Total Possible Credits			20

English (Compulsory)

Qualification: NCEA Level 1

Introduction

The study of English is essential for understanding all subjects. It involves developing skills in oral, written and visual language. Students grow in confidence through the use of language for a range of situations, purposes and audiences. It also exposes students to ideas, experiences and emotions through the work of a range of writers.

Course Outline

Level 1 English is an integrated course studying language and literature, involving:

- reading novels, short stories, plays or articles and responding to them in a variety of ways
- crafting writing in a variety of styles; developing proof-reading and editing skills
- building confidence in the use of speaking and listening skills in a range of contexts

The goal is to increase students’ abilities to use language effectively, extend imaginative and emotional responsiveness and develop students’ awareness of ideas and values through experiences with language.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90052 (L) or	Produce creative writing	Internal	3
AS90053 (L)	Produce formal writing	Internal	
AS90849 (L)	Show understanding of specified aspect(s) of studied written text(s) with supporting evidence	External	4
AS90850 (L)	Show understanding of specified aspect(s) of studied visual or oral text(s) with supporting evidence	External	4
AS90852 (L)	Explain significant connection(s) across texts, using supporting evidence	Internal	4
AS90857 (L)	Construct and deliver an oral text	Internal	3
Total Possible Credits			18

Optional Achievement Standard Available (With HoD Approval)

AS90851 (L)	Show understanding of specified aspects of unfamiliar written text(s) through close reading, using supporting evidence	External	4
AS90855 (L)	Create a visual text	Internal	3

Contact: Mr C Hodder

Fashion and Textiles Design

Qualification: NCEA Level 1

Entry Requirement

A Year 10 course in Technology, Spatial Design or Visual Art, however, Year 10 in this specialist area is preferable.

Course Outline

Level 1 Fashion and Textiles Design is designed to foster creative and critical practice in a project based environment. The primary focus of this course is on how to design authentic and contemporary products within the context of this ever changing specialist field. It is a broad introduction to ensure students have the opportunity to develop their thinking, design and practical skills in this specialist area. Projects develop skills such as; garment construction, pattern adaptation, fashion illustration and photography, outcome design and development, exhibiting and marketing and 3D fabrication. Specialist areas that would be beneficial to study in support to Fashion and Textile Design at Level 1 would be Visual Art, Product Design and Spatial Design.

Additional Course Costs & Special Requirements

- Students are required to supply their own fabric and pattern
- Individual course projects may incur additional costs depending on the nature of their outcomes and resources required
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

Future Pathways

Fashion and Textiles Design is a specialist area of Technology from Year 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. All courses in Technology lead to UE approved Level 3 courses.

Assessment

AS91047	Undertake development to make a prototype to address a brief	Internal	6
AS91058	Implement basic procedures using textile materials to make a specified product	Internal	6
AS91063	Produce freehand sketches to communicate own design idea	External	3
Total Possible Credits			15

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Visual Art, Spatial Design and/or Technology. All external work is submitted as an academic report and/or a portfolio.

Food Technology

Qualification: NCEA Level 1

Entry Requirement

A Year 10 course in Technology, Spatial Design or Visual Art, however, Year 10 in this specialist area is preferable.

Course Outline

Level 1 Food Technology is designed to foster creative and critical practice in a project based environment. This course’s primary focus is on the design of authentic and contemporary products within the context of culinary design.

Students have the opportunity to develop their thinking, design and practical skills in this specialist area. Projects may develop skills such as: food safety; industry standard knife handling; specialist terms and practices; the design of an outcome for actual sale, and food design and photography. Specialist areas that would be beneficial to study in support to Food Technology at Level 1 would be Visual Art, Product Design and Digital Technology.

Additional Course Costs & Special Requirements

- Items below are purchased through the Technology department:
- Service IQ Unit Standard Assessment - \$15
- Individual course projects may incur additional costs depending on the nature of their outcomes and resources required.

Future Pathways

Food Technology is a specialist area of Technology from Year 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. All courses in Technology lead to UE approved Level 3 courses.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS91045	Use planning tools to guide the technological development of an outcome to address a brief	Internal	4
AS91047	Undertake development to make a prototype to address a brief	Internal	6
AS91053 (L)	Demonstrate understanding of design elements	External	3
AS91082	Implement basic procedures to process a specified product	Internal	4
US13285	Handle and maintain knives in a commercial kitchen	Internal	2
US20666	Contamination hazards and control methods used in a food business	Internal	2
Total Possible Credits			21

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as an academic report and/or a portfolio.

Contact: Ms M Aitken

French

Qualification: NCEA Level 1

Entry Requirement

This course is a continuation of French in Years 9 and 10.

Students must have a minimum of 2 year’s full-time study in the target language before entering the Level 1 French course.

Introduction

French is a significant language in the world and is a relevant and very popular foreign language to learn in New Zealand. This course reinforces and builds on the student’s ability to engage in everyday life in their community in conversation. It encompasses elements around the student’s local environment, their daily activities and experiences, and also in transactional situations such as giving directions, supplying and receiving information, health, future plans and tourist information.

Course Outline

As a continuation of the course in Years 9 and 10, the Year 11 course extends the understanding of vocabulary, grammar and script. There is a focus on listening, reading, writing and speaking French throughout the course.

Cultural knowledge is integrated into the language course.

Assessment

AS90878	Demonstrate understanding of a variety of spoken French texts on areas of most immediate relevance	External	5
AS90879	Give a spoken presentation in French that communicates a personal response	Internal	4
AS90881	Demonstrate understanding of a variety of French texts in areas of most immediate of relevance	External	5
AS90882	Write a variety of text types in French on areas of most immediate relevance	Internal	5
Total Possible Credits			19

General Science

General Science is a compulsory subject in Year 11. In addition to General Science, students are also able to choose one extra option from Level 1 Biology, Chemistry or Physics to better prepare for the demands of Level 2.

Qualification: NCEA Level 1

Introduction

Science introduces students to the basic principles of scientific knowledge, understanding, skills and study. A standard will be reached which enables students to study separate sciences at Level 2. Students will develop the ability to discuss scientific concepts and analyse scientific data and information.

This subject leads to a Level 3 approved UE course.

Course Outline

All General Science courses are comprised of five Achievement Standards made up of three external assessments of which students sit an end of year examination, and two internal assessments completed throughout the year.

All General Science students complete the following external Achievement Standards

- Aspects of Biology – Genetics
- Aspects of Chemistry – Acids and Bases
- Aspects of Physics – Mechanics

The Internal Achievement Standards completed will depend upon the individual course selected.

Course Options

General Science (with Biology internal assessments)

- This option excludes a student from taking Level 1 Biology

General Science (with Chemistry internal assessments)

- This option excludes a student from taking Level 1 Chemistry

General Science (with Physics internal assessments)

- This option excludes a student from taking Level 1 Physics

A fourth course is available for students who would benefit from a course with no external examination. This course is an entirely internally assessed course.

Science Studies (by invitation only)

- Students studying Science Studies will be unable to study Level 2 Biology, Chemistry or Physics.
- This course limits students to Level 2 Science Studies in Year 12.

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Assessment - General Science with Biology Internal Assessments

AS90940 (N)	Demonstrate understanding of aspects of mechanics	External	4
AS90944	Demonstrate an understanding of aspects of acids and bases	External	4
AS90948 (L)	Demonstrate understanding of biological ideas relating to genetic variation	External	4
AS90950	Investigate the interaction between microorganisms and humans	Internal	4
Total Possible Credits			16

Assessment - General Science with Physics Internal Assessments

AS90940 (N)	Demonstrate understanding of aspects of mechanics	External	4
AS90943 (N)	Investigate the implication of heat in everyday life	Internal	4
AS90944	Demonstrate an understanding of aspects of acids and bases	External	4
AS90948 (L)	Demonstrate understanding of biological ideas relating to genetic variation	External	4
Total Possible Credits			16

Assessment - General Science with Chemistry Internal Assessments

AS90940 (N)	Demonstrate understanding of aspects of mechanics	External	4
AS90944	Demonstrate an understanding of aspects of acids and bases	External	4
AS90947	Investigate selected chemical reactions	Internal	4
AS90948 (L)	Demonstrate understanding of biological ideas relating to genetic variation	External	4
Total Possible Credits			16

Assessment - Science Studies (by HoD Invitation only)

AS90935 (N)	Carry out a practical investigation that leads to a linear relationship	Internal	4
AS90943 (N)	Investigate the implication of heat in everyday life	Internal	4
AS90950	Investigate interactions between humans and micro-organisms	Internal	4
AS90953 (L)	Demonstrate an understanding of carbon cycling	Internal	4
AS90954 (L)	Demonstrate understanding of the effect on planet Earth of astronomical cycles	Internal	4
Total Possible Credits			20

Geography

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for Level 1 Geography, however a high level of literacy is beneficial.

Introduction

Geography gives students a multi-disciplinary or holistic view of the world, combining knowledge, skills and understandings of the physical and social sciences. It fosters a curiosity about place and space and provokes questions about natural and cultural environments and their inter connectedness.

This subject leads to a Level 3 approved UE course.

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Course Outline

Level 1 Geography involves the detailed study of topics including:

- Extreme natural events, such as tsunamis, earthquakes, mud slides and volcanic eruptions.
- Tectonics - the global pattern of earthquakes
- Conducting geographic fieldwork
- Study of a topic at global scale e.g. coffee
- Study of a New Zealand geographic issue.

The skills and knowledge Geography students acquire at this level will help them at Level 2 Geography.

Additional Course Costs and Special Requirements

Field trips are part of the Geography course. There are additional costs associated with these.

Assessment

AS91007 (L)	Demonstrate a geographic understanding of environments that have been shaped by extreme natural events	External	4
AS91011 (L/N)	Conduct geographic research, with direction	Internal	4
AS91012 (L)	Describe aspects of a contemporary New Zealand geographic issue	Internal	3
AS91013 (L)	Describe aspects of a topic at a global scale	Internal	3
AS91014	Apply spatial analysis, with direction, to solve a geographic problem	Internal	3
Total Possible Credits			17

Contact: Mr C Martin

History

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for History.

Introduction

History offers an understanding of human activities in the past in the context of change through time. Entering into other times and places challenges students to think about continuity and change, similarities and differences, cause and effect. History enables students to understand their heritage and that of their community, society and nation. It also gives greater insight into the future shape of the world we inhabit.

This subject leads to a Level 3 approved UE course.

Course Outline

History involves the detailed study of three topics from the twentieth century:

- Origins of World War Two 1919-1941
- Black Civil Rights in USA 1954-1970
- The 1981 Springbok Tour

Besides learning about important events, people and places, students will be given the opportunity to develop a broad range of skills including: gathering and selecting information from a variety of sources, recognising specific points of view, bias and propaganda, comprehending and using historical relationships, presenting an argument and supporting it with well-chosen evidence and reasoned conclusions.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS91001 (L)	Carry out an investigation of an historical event, or place, of significance to New Zealanders	Internal	4
AS91002 (L)	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	Internal	4
AS91003 (L)	Interpret sources of an historical event of significance to New Zealanders	External	4
AS91005 (L)	Describe the causes and consequences of an historical event	External	4
Total Possible Credits			16

Japanese

Qualification: NCEA Level 1

Entry Requirement

The Japanese Course is a continuation of Japanese in Years 9 and 10. Students must have a minimum of 2 years full-time study in the target language before entering the Level 1 Japanese course.

Introduction

Japanese is a significant language in the world and is a relevant and very popular foreign language to learn in New Zealand. This course reinforces and builds on the student's ability to engage in everyday life in their community in conversation, encompassing elements around the student's local environment, their daily activities and experiences, and also in transactional situations such as shopping, giving directions, supplying and receiving information.

Course Outline

As a continuation of the course in Years 9 and 10, the Year 11 course extends the understanding of vocabulary, grammar and script. There is a focus on listening, reading, writing and speaking Japanese throughout the course.

Cultural knowledge is integrated into the language course.

Assessment

AS90893	Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance	External	5
AS90894	Give a spoken presentation in Japanese that communicates a personal response	Internal	4
AS90896	Demonstrate understanding of a variety of Japanese texts in areas of most immediate of relevance	External	5
AS90897	Write a variety of text types in Japanese on areas of most immediate relevance	Internal	5
Total Possible Credits			19

Contact: Mrs C Leishman

Latin

Qualification: NCEA Level 1

Entry Requirement

The Level 1 Latin course is a continuation of Latin at Years 9 and 10. Students must gain a GPA of 70 in Year 10 Latin or obtain approval by the Head of Department..

Introduction

Latin is a language-based subject which seeks to give students increasing confidence in translation of the ancient language of the Romans. In addition, it enables them to experience the art, culture, literature, politics and society of the Romans through on-going study of the works of ancient writers. The study of Latin is complemented by the study of the social and political structures that reveal Western civilisation’s debt to Ancient Rome.

This subject leads to a Level 3 approved UE course.

Course Outline

- To increase students’ confidence in the translation and comprehension of the Latin language
- To increase the ease with which they can understand and employ the forms of Latin words and grammatical constructions
- Broaden their understanding of aspects of Roman history and culture

By the end of the year students will be able to:

- Translate increasingly complex passages of Latin
- Answer questions on the structure of the language
- Have a sound working knowledge of Roman customs and habits, as well as some notion of our debt to Roman society
- Increase their understanding of how many modern English words have their origins in Latin
- Have an extensive vocabulary at their command.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90862 (L)	Translate adapted Latin text into English demonstrating understanding	External	6
AS90863 (L)	Demonstrate understanding of adapted Latin text	External	5
AS90864 (L)	Demonstrate understanding of studied Latin literacy text(s)	Internal	6
AS90867	Write short Latin sentences that demonstrate an understanding of Latin	Internal	3
Total Possible Credits			20

Mathematics with Algebra

Mathematics is a compulsory subject at Year 11.
All Year 11 students study Mathematics although some students will follow the Mathematics Non-Algebra course or the Mathematics Numeracy course.

Qualification: NCEA Level 1

Introduction

Mathematics involves solving problems using a variety of methods. Such methods may be related to number patterns, measurement of everyday objects, algebraic skills and processes or statistical analysis.

This subject leads to a Level 3 approved UE course.

Entry Requirement

With a large algebraic component students should have obtained at least Curriculum 5 in Algebra in Year 10.

Course Outline

Mathematics at Level 1 is a course for students intending to continue with Mathematics in Years 12 and 13.

- Algebraic methods to simplify expressions and solve problems
- Linear and quadratic graphs for interpretation of data
- Statistical analysis of data
- Number problems in context
- Right-angled triangle problems

Two additional Internal Assessments will have been assessed during Year 10.

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Assessment

AS91027 (N)	Apply algebraic procedures in solving problems	External	4
AS91028 (N)	Investigate relationships between tables, equations or graphs	External	4
AS91032 (N)	Apply right angled traingles in solving measurement problems	Internal	3
AS91035 (L/N)	Investigate multivariate data	Internal	4
AS91037 (N)	Demonstrate understanding of chance and data	External	4
Total Possible Credits			19

Contact: Ms A Hawkins

Mathematics with Statistics

Mathematics is a compulsory subject at Year 11.
Mathematics Non-Algebra is fully internally assessed. No algebra is covered in this course.

Qualification: NCEA Level 1

Introduction

Mathematics with Statistics is a full NCEA Level 1 course. It is designed for students with an interest in data analysis and probability.

This subject leads to a Level 3 approved UE course.

Entry Requirement

With a large statistics component, students should have obtained at least Curriculum Level 5 in Statistics in Year 10

Course Outline

Similar to Level 1 Mathematics but with a statistics and probability focus.

Students experience less algebra and more data analysis.

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Assessment

AS91029 (N)	Apply linear algebra in solving problems	Internal	3
AS91030 (N)	Apply measurement in solving problems	Internal	3
AS91035 (L/N)	Investigate a given multi-variate data set using the statistical enquiry cycle	Internal	4
AS91036 (L/N)	Investigate bivariate numerical data using the statistical enquiry cycle	Internal	3
AS91037 (N)	Demonstrate understanding of chance and data	External	4
Total Possible Credits			17

Contact: Ms A Hawkins

Mathematics for Numeracy (invitation only from HOD)

Mathematics Numeracy is fully internally assessed.

Qualification: NCEA Level 1

Entry Requirement

Entry to Mathematics Numeracy is by invitation only from the Head of Mathematics.

Introduction

This course will be offered to students who have made limited progress in Years 9 and 10.

Students studying Mathematics Numeracy are unable to progress to Level 2 Mathematics.

Engaged students will also be invited to take an optional internal in Algebra to continue into Level 2 Mathematics.

Course Outline

Mathematics Numeracy is assessed using all internal standards

Level 1 Literacy and Numeracy

Successfully completing 10 credits will meet Level 1 and UE Numeracy requirements.

Assessment

AS91026 (N)	Apply numeric reasoning in solving problems	Internal	4
AS91030 (N)	Apply measurement in solving problems	Internal	3
AS91035 (L/N)	Investigate bivariate numerical data using the statistical enquiry cycle	Internal	3
AS91036 (L/N)	Investigate a multivariate data set using the statistical enquiry cycle	Internal	4
Total Possible Credits			14
Optional			
AS91029 (N)	Apply linear algebra in solving problems	Internal	3

Contact: Ms A Hawkins

Media in Society

Qualification: NCEA Level 1

Entry Requirement

An interest in Media. Completion of Year 10 Media in Society is beneficial.

Introduction

The mass media plays an important role in our cultural experience, providing entertainment and helping to shape the way we see the world.

Media in Society helps students critically examine the role of the media while training students in producing media products.

This subject leads to a Level 3 approved UE course.

Course Outline

Media in Society at Level 1 focuses on students finding their passion and interest in the media, be it script writing and production, textual analysis, or focusing on strategies behind marketing and audience engagement. With a balance of both practical and theory, students will start to question what media messages they are consuming and how they are constructed.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90990 (L)	Demonstrate an understanding of selected elements of media text(s)	Internal	3
AS90992 (L)	Demonstrate understanding of characteristics of a media genre	External	4
AS90993	Produce a design and plan for a media product, using a specified range of conventions	Internal	3
AS90994	Complete a media product using a specified range of conventions, from a design and plan	Internal	6
Total Possible Credits			16

Music

Qualification: NCEA Level 1

Entry Requirement

Year 10 Music or evidence of achievement in practical or music theory from music lessons or success in music examinations. Students must already play a musical instrument.

Introduction

Music is the universal language that allows us to bond through practical creation, recreation and communication. It allows us to express our feelings, ideas and our place in the world. Students may study music in order to continue to tertiary training and careers in music, or purely for interest's sake, providing balance to their overall course structure. Students are expected to participate in College music groups.

This subject leads to a Level 3 approved UE course.

Course Outline

Students in Level 1 Music are able to select an individual course with credits up to 26.

The course is divided into five main areas:

- Solo Performance
- Group Performance
- Composition
- Music theory / Score Reading
- Set Works

Students will develop skills in individual and group performance, composition, aural skills, musical knowledge and score reading.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS91090	Perform contrasting music as a featured soloist	Internal	6
AS91091	Perform music as a member of a group	Internal	4
AS91092	Compose pieces of music	Internal	6
AS91094 (L)	Identify and describe fundamental materials of music	External	4
AS91095 (L)	Demonstrate knowledge of music work	Internal	6
Total Possible Credits			26

Contact: Ms M Lin

Music Projects

Qualification: NCEA Level 1

Entry Requirement

Year 10 Music or evidence of involvement in an area of Music such as (but not limited to) performance, song writing or music technology.

Introduction

This is a course focused on contemporary instrumental and vocal performance and songwriting. Students will be equipped with the knowledge and skills to operate on sound and music gears. At the end of each term, students take part in creating, performing, and producing their own showcase. Students are expected to participate in College music groups and to contribute to full College music events.

Course Outline

Students in Music Projects 1 create a course which draws on some aspects of the NCEA Music course with the potential to add standards from the Performing Arts Technology Standards and Music Technology Standards.

This is a practical course requiring individual and group work with positive attitude, effort and an open-mind to create, recreate and connect with the music industry. We work closely with NZ Music Commission to provide mentoring and workshop opportunities for our students.

Please Note: The running of this course in 2020 is subject to staffing and student numbers.

Assessment

AS91090	Perform two pieces of music as a featured soloist	Internal	6
AS91091	Perform music as a member of a group	Internal	4
AS91092	Compose pieces of Music	Internal	6
US27656	Demonstrate and apply introductory knowledge of music technology equipment and techniques	Internal	4
US96687	Demonstrate and apply knowledge of sound technology for a performance context	Internal	4
Total Possible Credits			24

Contact: Ms M Lin

Physical Education

Qualification: NCEA Level 1

Entry Requirement

There are no entry requirements for NCEA Physical Education.

Introduction

NCEA Level 1 Physical Education is a classroom-based academic course of study and NOT a recreational PE course. Students can expect to spend an approximate 50/50 split of time covering theory and practical application. The course is designed to build upon students interest and passion for physical activity and movement, covering a wide range of topics from body structure and function to teamwork and leadership.

This subject leads to a Level 3 approved UE course.

Course Outline

The course is entirely internally assessed. The concepts are at an introductory level to provide a foundation for further study in Level 2 and 3 Physical Education.

This course involves a detailed study and analysis of:

- The knowledge of the structure and function of the human body in relation to the performance of a physical activity
- Actions and strategies that improve performance
- Examination of the factors that influence physical activity
- How self-management strategies enhance participation in sport
- Improving physical competencies in selected sports
- Demonstrating interpersonal skills and describe their effects on the functioning of a group or team.

The Physical Education course is designed to:

- Cater for the needs of students in terms of physical growth and development, motor skill development and personal and social development
- Provide challenge, variety and the opportunity for all students to experience success
- Provide students with knowledge and understanding as well as fitness and skill acquisition
- Create enjoyment and develop positive attitudes towards physical activity
- Be innovative in its promotion of learning through movement

Additional Course Costs & Special Requirements

There will be practical components within this programme of study. The cost of this will be approximately \$225.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS90962	Participate actively in a range of physical activities and explain factors that influence own participation	Internal	5
AS90963 (L)	Demonstrate knowledge of body structure and function related to performance of physical activity	Internal	5
AS90964	Demonstrate quality movement in the performance of a physical activity	Internal	3
AS90967 (L)	Examine strategies to improve the performance of a physical activity and describe the outcomes	Internal	3
AS90966 (L)	Demonstrate interpersonal skills in a group and explain how these skills impact on others	Internal	4
Total Possible Credits			20

Contact: Mr D Gundersen

Physics

Qualification: NCEA Level 1

Entry Requirement

Students must also be studying Level 1 Mathematics with Algebra (**not** Mathematics - Non Algebra or Mathematics - Numeracy) and Level 1 General Science.

Students may only choose one additional Science subject from Biology, Chemistry and Physics.

Introduction

This course is NOT a prerequisite for Level 2 Physics.

Physics is a challenging subject and the Level 1 NCEA Physics course will lay a solid foundation in Physics for those students who are interested in studying Level 2 and 3 NCEA or IB Physics.

This course is designed to:

- stimulate student interest in and enjoyment of Physics by using a wide variety of strategies and contexts.
- develop student appreciation of the nature of Physics and its relevance to everyday life of people.
- develop student knowledge and understanding of concepts, principles and models in Physics.

This subject leads to a Level 3 approved UE course.

Course Outline

In this course students will:

- Investigate trends and relationships in physical phenomena in the areas of mechanics, electricity, electromagnetism, heat, light and waves, and atomic and nuclear physics
- Demonstrate an understanding of physical phenomena and concepts by explaining and solving questions and problems that relate to straightforward situations
- Investigate how physics knowledge is used in a technological or biological application

Additional Course Costs & Special Requirements

Physics workbook

Level 1 Literacy and Numeracy

Standards marked L and N go towards meeting the Level 1 Literacy and Numeracy requirements.

Assessment

AS90937 (N)	Demonstrate understanding of aspects of electricity and magnetism	External	4
AS90938 (N)	Demonstrate understanding of aspects of wave behaviour	External	4
AS90939 (N)	Demonstrate understanding of aspects of heat	External	4
AS91168 (L/N)	Carry out a practical investigation that leads to a non-linear mathematical relationship	Internal	4

Total Possible Credits 16

Contact: Mr J Naude

Product Design

Qualification: NCEA Level 1

Entry Requirement

A Year 10 course in Technology, Spatial Design or Visual Art, however, Year 10 in this specialist area is preferable.

Course Outline

Level 1 Product Design has been developed to foster creative and critical practice in a project based environment.

Product Design’s primary focus is on the design of authentic and contemporary products within a given context. Students have the opportunity to develop their thinking, design and practical skills in this specialist area. Projects may develop skills such as; drawing and ideation specific to Product Design, 3D physical and digital modelling, safe handling and processing of a range of resistant materials (wood, metal, plastics, resin, concrete etc.), traditional carpentry alongside modern manufacturing techniques and the exhibiting and presentation of outcomes to the wider community.

Specialist areas that would be beneficial to study in support to Product Design at Level 1 would be Spatial Design, Fashion and Textile Design and Visual Art.

Additional Course Costs & Special Requirements

Individual course projects may incur additional costs depending on the nature of their outcomes and resources required.

Future Pathways

Product Design is a specialist area of Technology from Year 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. All courses in Technology lead to UE approved Level 3 courses.

Level 1 Literacy and Numeracy

Standards marked L go towards meeting the Level 1 Literacy requirements.

Assessment

AS91046	Use design ideas to produce a conceptual design for an outcome to address a brief	Internal	6
AS91048 (L)	Demonstrate understanding of how technological modelling supports decision-making	External	4
AS91057	Implement basic procedures using resistant materials to make a specified product	Internal	6
Total Possible Credits			16

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as an academic report and/or a portfolio.

Spanish

Qualification: NCEA Level 1

Entry Requirement

This course is a continuation of Spanish in Years 9 and 10.

Students must have a minimum of 2 years full-time study in the target language before entering the Level 1 Spanish course.

Introduction

Spanish is a significant language in the world and is a relevant and very popular foreign language to learn in New Zealand. This course reinforces, and builds on, the student’s ability to engage in everyday life in their community in conversation, encompassing elements around the student’s local environment, their daily activities and experiences, and also in transactional situations such as shopping, giving directions, supplying and receiving information.

Course Outline

As a continuation of the course in Years 9 and 10, the Year 11 course extends the understanding of vocabulary, grammar and script. There is a focus on listening, reading, writing and speaking Spanish throughout the course.

Cultural knowledge is integrated into the language course.

Assessment

AS90908	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance	External	5
AS90909	Give a spoken presentation in Spanish that communicates a personal response	Internal	4
AS90911	Demonstrate understanding of a variety of Spanish texts in areas of most immediate of relevance	External	5
AS90912	Write a variety of text types in Spanish on areas of most immediate relevance	Internal	5
Total Possible Credits			19

Spatial Design

Qualification: NCEA Level 1

Entry Requirement

Completion of Year 10 Spatial Design is beneficial, but not compulsory.

Course Outline

Level 1 Spatial Design is designed to foster creative and critical practice in a project based environment. Spatial Design’s primary focus is on the designing of spaces, such as architecture, interior design and landscape architecture, as well as the way in which these ideas and thinking are presented visually.

Students have the opportunity to develop their thinking, design and practical skills in this specialist area. Within the context of Year 11 Spatial Design this includes skills like; exploring and refining design ideas, using research influences to generate ideas, visual literacy to aid design thinking, visual communication techniques and modes (freehand sketching, instrumental drawing, physical and digital modelling), presentation and layout.

Specialist areas that would be beneficial to study in support to Spatial Design at Level 1 would be Visual Art.

Additional Course Costs & Special Requirements

Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

Future Pathways

Spatial Design is a specialist area that progresses from Year 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. Spatial Design is based on Design and Visual Communication (DVC) which is UE approved.

Assessment

AS91063	Produce freehand sketches that communicate design ideas	External	3
AS91065	Produce instrumental paraline drawings to communicate design ideas	External	3
AS91067	Use the work of an influential designer to inform design ideas	Internal	3
AS91068	Undertake development of design ideas through graphics practice	Internal	6
AS91069	Promote an organised body of design work to an audience using visual communication techniques	Internal	4
Total Possible Credits			19

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Visual Art, Spatial Design and/or Technology.

Contact: Mrs S Gwilliam

Te Reo Māori

Qualification: NCEA Level 1

Entry Requirement

The Te Reo Māori course is a continuation of Te Reo in Years 9 and 10. Students must have a minimum of two years' full-time study in the target language before entering Level 1 Te Reo Māori.

Introduction

At Year 11, Levels 4, 5 and 6 from the Curriculum guidelines for teaching, learning Te Reo Māori are covered. The theme for this course is a continuation from Year 10 "Ko te Ao Taiohi" (the world of a young person) and we will study four units over the year.

The units are:

- Tōku kainga (my home)
- Ngā mahi whakangāhau (leisure activities)
- Tōku kura (my school)
- Hākinakina (sport).

Course Outline

The focus for this course is to enable students to develop knowledge and understanding of the Māori language, Tikanga and Protocol of Māori. Students will learn to write in different formats, speak independently, participate in problem-solving and develop confidence through the use of different strategies.

Assessment

AS91086 (L)	Kōrero kia whakamahi i te reo o tōna ao	Internal	6
AS91088 (L)	Tuhi i te reo o tōna ao	External	6
AS91089 (L)	Waihanga tuhinga i te reo o tōna ao	Internal	6
Total Possible Credits			18

Students will be required to submit two of each internal standard from their portfolio of work over the course.
A written external will take place in Term 4. Students will maintain a speaking and writing portfolio throughout the year.

Contact: Mr M Nelson

Visual Art

Please Note: In Year 12 at Level 2, Art divides into the separate subjects of Design, Painting and Printmaking, Photography and Sculpture.

Qualification: NCEA Level 1

Entry Requirement

Year 10 Visual Art. Special permission may be granted by HoD if a student has not completed this course.

Course Outline

Level 1 Visual Art is a broad-based course that includes elements of all disciplines at Level 2 and 3, including Design; Painting; Photography; Printmaking and Sculpture. The aim of this course is to improve skills in research, planning, developing and resolving ideas in their artwork. Students will work on two main internal standards through the course and much of this work is then also selected for the development of their external folio boards. This external assessment is produced as a two panel A1 folio board body of work throughout the course and submitted in early Term 4 for assessment.

Additional Course Costs & Special Requirements

- A set of art materials including pencils, brushes and paints for completing work at home.
- A laptop with ability to run the Adobe Creative Cloud Suite. (\$10 approx) organised by the College.
- An SD Card.

Future Pathways

At Level 2 Visual Art splits into four specialist areas of Design, Photography, Painting and Printmaking, and Sculpture. Students can consult with their teacher about the best specialist option and are encouraged to take more than one. The Level 1 Visual Art course is a pre-requisite for entry into IB Art.

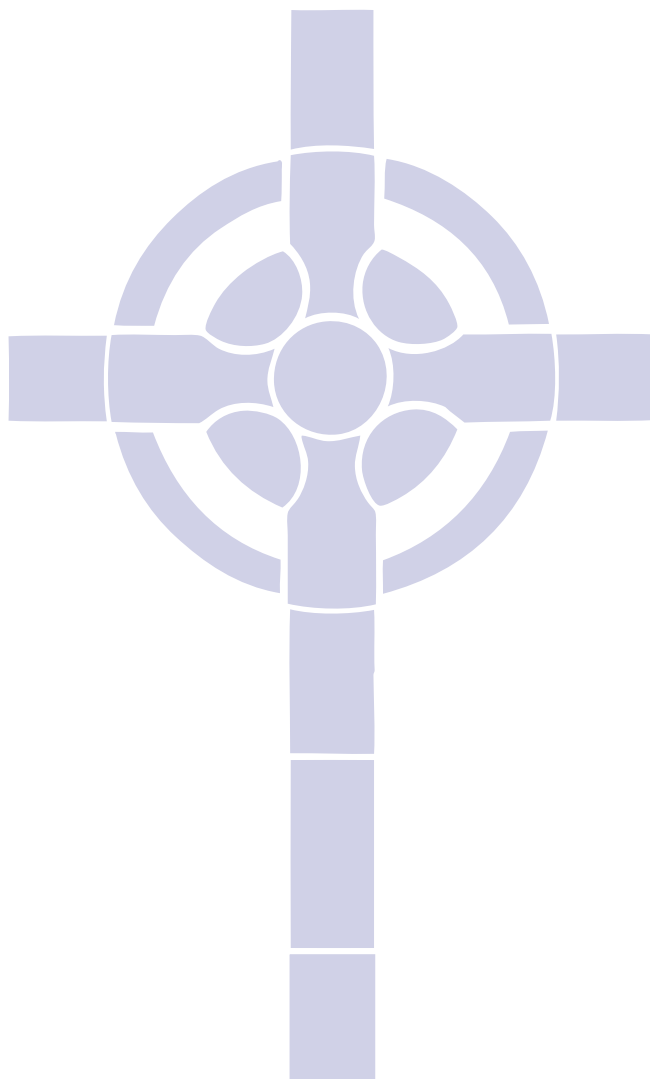
All courses in the Visual Arts lead to UE approved Level 3 courses.

Assessment

AS90914	Use drawing methods and skills for recording information using wet and dry media	Internal	4
AS90915	Use drawing conventions to develop work in more than one field of practice	Internal	6
AS90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	External	12
AS90917	Produce a finished work that demonstrates skills appropriate to cultural conventions	Internal	4
Total Possible Credits			26

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Contact: Mr R Stratton



Course Structure for Year 12 Students - NCEA

At Year 12, students have a choice of qualifications. They choose to continue with NCEA or opt to follow the International Baccalaureate (IB) Diploma programme. By offering choice, students are able to select a pathway that is right for them as an individual. Whichever qualification they take, all Year 12 students choose six subjects.

This section covers the course work for NCEA Level 2.

Information for students who opt for the IB Diploma begins on Page 143.

In a full Year 12 NCEA course, all students study six (6) subjects. English is compulsory and 5 subjects are chosen from the table on the right.

Entry Criteria – For most Level 2 subjects, this is based on Level 1 credits. This identifies the standard required to cope with Level 2 study in a particular subject. See the individual subject entries for more detail.

Most Year 12 NCEA students will study only Level 2 subjects, however, where appropriate, some may have a multi-level combination of Level 1, Level 2 and/or Level 3 subjects.

In selecting a course at Year 12, it is important to consider the subjects you plan to continue with in Year 13, as some subjects do not continue at Level 3 NCEA. Any student planning to take more than one non-continuing subject in Year 12 (Level 2) must obtain the approval of the Head of Studies to ensure they will have an appropriate course available the following year.

The Senior College Curriculum table on Wshows how each subject flows to the next year level. This will help you with your planning.

Information about requirements for courses at tertiary level can be found beginning on Page 172.

YEAR 12 SUBJECTS Qualification: Level 2 NCEA

English

English Alternate - Visual Language
Media in Society

Mathematical Studies
Mathematics for Calculus
Mathematics for Statistics

α -Biology or Biology
 α -Chemistry or Chemistry
Physics or Physics - Calculus based
Science Studies

Classical Studies
Geography
History
*Travel and Tourism
Accounting
Business
Economics
*Financial Literacy

Chinese
French
Japanese
Latin
Spanish

Only 2 of the following 3 subjects may be chosen:

Visual Art - Design
Visual Art - Painting and Printmaking
Visual Art - Photography
Visual Art - Sculpture

Dance
Drama
Music
Music Projects (**not offered at Level 3**)

Coaching & Leadership (**not offered at Level 3**)
Physical Education (Compulsory)
Physical Education (NCEA)
Outdoor Education

Animation and Motion Graphics
Computer Science
Fashion and Textiles Design
Food Technology
Product Design

Spatial Design

Christian Education (Compulsory)

* Not an approved University subject

Accounting

Qualification: NCEA Level 2

Entry Requirement

17 credits in Level 1 Accounting including AS90978 and AS90980.

Students who take Accounting may also elect one **but not both** from Business or Economics.

Recommended co-requisites are Level 2 Mathematics and English.

Course Outline

Year 12 Accounting offers students the opportunity to develop logical thinking skills as well as providing a conceptual understanding of the workings of small organisations. Students continue to build upon the five strands developed in Level 1 Accounting but the major emphasis is on the design, processing, conceptual understanding and detailed analysis of the job costing subsystem.

The development of skills in the use of spreadsheets, word processing and accounting software will be used to appreciate the place of ICT in Accounting.

Additional development also continues on the preparation and detailed interpretation of financial statements for sole proprietors.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91174*(N)	Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems	External	4
AS91175 (N)	Demonstrate understanding of accounting processing using an accounting software package	Internal	4
AS91176 (N)	Prepare financial information for an entity that operates accounting subsystems	External	5
AS91177 (N)	Interpret accounting information for entities that operate accounting subsystems	External	4
AS91409 (N)	Demonstrate understanding of a job cost subsystem for an entity (Level 3)	Internal	4

Total Possible Credits 21 (17)

*AS91174 will be offered to all students during the year where they will have the choice of whether they wish to sit the external exam at the end of the year or not.

Contact: Mrs K Naude

Animation and Motion Graphics

Qualification: NCEA Level 2

Entry Requirement

14 credits in either Level 1 Digital Technology or either Level 1 Visual Art course.

Course Outline

Level 2 Animation and Motion Graphics is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary outcomes. Level 2 is a broad course that aims to introduce students to the dynamic world of animation, motion graphics and visual effects. It has been developed with to ensure students are well prepared for future study and the industry. Projects may develop skills such as: the integration of graphic design into motion graphics; the development and animation of narrative; a range of 2D and 3D animation techniques and software, and digital modelling using industry standard software, and animation techniques and processes.

Specialist areas that would be beneficial to study in support to Animation and Motion Graphics at Level 2 would be Visual Art - Design, Visual Art - Painting and Printmaking, Visual Art - Sculpture, Computer Science, Product Design and Level 2 Media in Society.

Additional Course Costs & Special Requirements

- Individual student project requirement will determine if there are additional material costs
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.
- Laptop computer able to run the Adobe Suite and Maya animation software - 16GB of RAM is recommended.
- Wacom Tablet is recommended, especially if not using a digitizer enabled laptop.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways including Digital Design, Game Design and Development, Communication Design and Industrial Design.

Assessment

AS91355	Select and use planning tools to manage the development of an outcome	Internal	4
AS91357	Undertake effective development to make and trial a prototype	Internal	6
AS91358	Demonstrate understanding of how technological modelling supports risk management	External	4
AS91369	Demonstrate understanding of advanced concepts of digital media	Internal	4

Total Possible Credits **18**

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Visual Art, Spatial Design and/or Technology. All external work is submitted as a formal academic report and/or a portfolio.

Contact: Ms M Aitken

α-Biology (Alpha Biology)

Qualification: NCEA Level 2

Entry Requirement

A minimum of 8 external credits and 4 internal credits in Level 1 Science, including Science AS90948.

Introduction

α-Biology is a subject which encompasses a wide range of possible topics.

This course provides a valuable introduction to many of these topics, particularly for students who have less experience in this subject. This course allows students to take Biology at Level 3 having been introduced to curriculum objectives in ecology and genetics.

Course Outline

α-Biology offers a course of 2 External Achievement Standards and 3 Internal Achievement Standards and would suit students seeking to undertake more work during the course of the year, with a reduced examination programme.

These standards provide an opportunity to gain understanding and knowledge of biological principles and facts through the study of:

- Ecological principles
- Animal diversity
- Practical investigations
- Gene expression
- Inheritance and genetic change at the molecular, individual and population levels.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91153 (N)	Carry out a practical investigation in a biology context, with supervision	Internal	4
AS91155	Demonstrate understanding of adaption of plants or animals to their way of life	Internal	3
AS91157	Demonstrate understanding of genetic variation and change	External	4
AS91158	Investigate a pattern in an ecological community	Internal	4
AS91159	Demonstrate understanding of gene expression	External	4
Total Possible Credits			19

Biology

Qualification: NCEA Level 2

Entry Requirement

A minimum of 8 external credits and 4 internal credits in Level 1 Science, including Science AS90948.

Introduction

Biology is about studying and appreciating the great diversity of life as represented in the five kingdoms of life. It is about animals and plants and how they interact with each other and the environment, about how their different internal organ and cell systems work to ensure their ongoing survival. This course is for students who are wanting to undertake the full examination programme preparation for the demands of Biology at Level 3.

Course Outline

Biology at Level 2 provides the opportunity for students to gain understanding and knowledge of Biological principles and facts through participating in the study of:

- Ecological principles
- Animal diversity
- The common underlying themes of cell structure and how cells work
- Gene expression
- Inheritance and genetic change at the molecular, individual and population levels

Students successfully completing the course should acquire:

- Knowledge and understanding of Biological concepts and facts
- Competence in the application of scientific skills appropriate to Biology

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91155	Demonstrate understanding of adaptation of plants or animals to their way of life	Internal	3
AS91156 (W)	Demonstrate understanding of life processes at the cellular level	External	4
AS91157 (W)	Demonstrate understanding of genetic variation and change	External	4
AS91158	Investigate a pattern in an ecological community	Internal	4
AS91159	Demonstrate understanding of gene expression	External	4
Total Possible Credits			19

Business

Qualification: NCEA Level 2

Students who take Business may also elect one **but not both** from either Accounting or Economics

Entry Requirement

16 credits from Level 1 Business including AS90842 or subject to HOD approval

For those students who have previously not studied Business but who wish to enter at Level 2, credits obtained in another Social Science subject will be used as the basis for entry.

Introduction

Business exposes students to New Zealand's enterprising culture and encourages them to develop their business knowledge and decision making skills in order to be active participants in New Zealand's economic future. Students are encouraged to work closely with New Zealand businesses with a regional or national significance to develop the following essential skills:

- Comparing different business models
- Researching and reviewing a local sustainable business practice
- Explores the importance of sustaining Maori language and/or tikanga in Maori business
- Consults community groups to identify a range of community needs
- Building interpersonal skills and interviewing an entrepreneur/s and/or philanthropist
- Debating the importance of ethics and values in business practice.

- Collaborating and problem solving with peers to brain-storm ideas of a suitable product to take to market given a community context
- Accepting and coordinating roles and responsibilities in a business activity
- Seeking and accepting critical feedback
- Reflecting on own practice.

Course Outline

All standards in this course are Achievement Standards and allow students to:

- demonstrate their understanding of the internal operations of a large business
- discuss a critical problem in a given large business and apply business knowledge to provide possible solutions and recommendations to address issues
- conduct market research
- plan, carry out, review and refine a business activity.
- be a service to the community or part of the community
- sponsor, fundraise, or donate profit or products to a community group, activity or non-profit organisation.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS90843 (N)	Demonstrate understanding of internal features of a large business	External	4
AS90845 (N)	Apply business knowledge to a critical problem(s) in a given large business context	External	4
AS90846 (N)	Conduct market research for a new or existing product	Internal	3
AS90848 (N)	Carry out, review and refine a business activity within a community context with guidance (Group Business Plan, Carry Out* and Review)	Internal	9
Total Possible Credits			20

*The Level 2 carry out Achievement Standard is different to Level 1 as it is conducted in a wider community context than a lunchtime operation. College expectations will be communicated and monitored during the (up to) 3 carry out events per group.

Contact: Mrs T Ramakers

α -Chemistry (Alpha Chemistry)

Qualification: NCEA Level 2

Entry Requirement

A minimum of 8 External and 4 Internal credits in Level 1 Science. Students must gain Achieved or higher in AS90944 (Acids and Bases) and Achieved or higher in MCAT as 91927.

Introduction

Alpha Chemistry is a subject which has a wide range of topics. This course will cover key principles which would suit students that wish to pursue a career in nursing, midwifery or food Science. This course will lead onto L3 Chemistry dependent on level of achievement in L2 Chemistry.

Course Outline

Alpha Chemistry has 3 internal and 2 external assessment opportunities and cover key principles such as:

- Atomic theory
- Energy change
- Quantitative and Qualitative analysis
- Reduction-oxidation processes

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91161 (N)	Carry out quantitative analysis	Internal	4
AS91164	Demonstrate understanding of bonding, structure, properties and energy changes	External	5
AS91165	Demonstrate understanding of the properties of selected organic compounds	External	4
AS91167	Demonstrate understanding of oxidation-reductions	Internal	3
Total Possible Credits			16

Contact: Mr S Naidu

Chemistry

Qualification: NCEA Level 2

Entry Requirement

12 credits in NCEA Level 1 Science (preferably General Science with Chemistry): 12 credits in L1 Chemistry. All externals need to be passed with Achieved or higher grade in both Courses - General Science / L1 Chemistry.

Students must have gained Achieved or higher in MCAT AS91927.

Introduction

This is a one year course which leads easily into Level 3 NCEA Chemistry. Students will gain an understanding of the following concepts and ideas by the end of the course.

- Atomic structure and bonding
- The different forces of inter and intra molecular attraction in solids, liquids and gases
- Quantitatively identifying the amount of substances by practical investigation
- Gaining expertise in the accurate use of chemical equipment

Course Outline

- Investigating families of compounds for their physical and chemical similarities especially in organic chemistry
- Analysing a chemical reaction including rate of reaction and equilibrium
- Relating macroscopic behaviour with microscopic properties
- Expertise in the safe handling of chemicals and using appropriate safety precautions

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91161 (N)	Carry out quantitative analysis	Internal	4
AS91164	Demonstrate understanding of bonding, structure and energy changes	External	5
AS91165	Demonstrate understanding of the properties of the selected organic compounds	External	4
AS91166	Demonstrate understanding of chemical reactivity	External	4
Total Possible Credits			17

Students with an excellent understanding of Chemistry will be offered the opportunity to sit the Chemistry Olympiad tests

Chinese

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 Chinese (2 Internal and 1 External Reading or Listening).

Course Outline

Chinese is the most widely spoken language in the world. Because of the large, prosperous economy and the developing trading relationship with New Zealand, it is currently a relevant and very popular foreign language to learn. This Chinese course aims to give students an advantage in the increasingly competitive business world by further enhancing receptive and productive language skills in the target language, with particular emphasis on extending the repertoire of vocabulary and language features.

It is anticipated that students who elect to study Chinese in Year 12 have the intention of continuing into Year 13 and completing the NZQA Level 3 qualification.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91108	Demonstrate understanding of a variety of spoken Chinese texts on familiar matters.	External	5
AS91110	Give a spoken presentation in Chinese that communicates information, ideas and opinions	Internal	4
AS91111	Demonstrate understanding of a variety of written and / or visual text(s) on familiar matters	External	5
AS91112	Write a variety of text types in Chinese to convey information, ideas and opinions in genuine contexts	Internal	5
Total Possible Credits			19

Christian Education (Compulsory)

Qualification: NCEA Level 2

Introduction

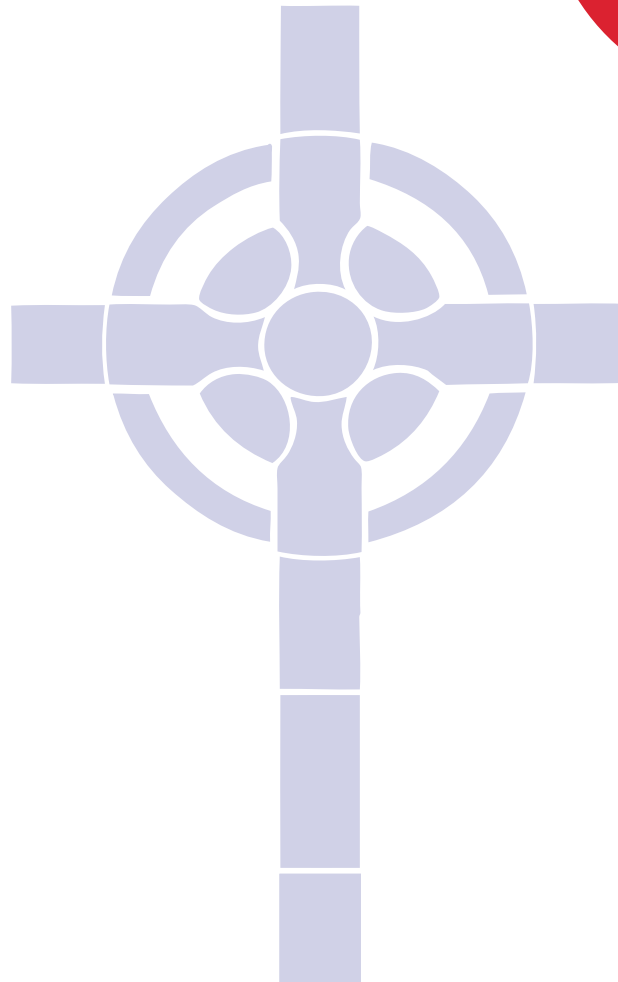
Christian values are an intrinsic part of the special character of Saint Kentigern College and all Year 12 students take Christian Education. The Christian Education Department is constantly evolving its programmes to ensure that they are interesting, relevant and challenging for our students in their development as young men and women on their faith journeys - whatever they perceive that to be. In the Senior College, a wide range of relevant and contemporary resources are used in what is generally an informal, discussion-based, non-assessed theological and philosophical exploration of issues of Christian life and faith.

Course Outline

The Year 12 course aims to encourage students to continue exploring the foundational principles of the Christian life in deeper and increasingly more relevant ways. With the focus being on 'bringing joy to others', students will revisit the Jesus story, as well as key events in the history of the Christian church to consider not only what their own aspirations and achievements are, but also what they might achieve for others and inspire in others.

Assessment

There is no formal assessment for this course.



Classical Studies

Qualification: NCEA Level 2

Entry Requirement

16 credits in Level 1 Classical Studies. For those students who have not previously studied Classical Studies and wish to enter at Level 2, 15 credits must be obtained in either Level 1 English or Level 1 History. Particular attention will be paid to Achievement Standards that relate to essay writing and interpreting written text.

Introduction

Classical Studies is the study of the civilisations of ancient Greece and Rome. Classical Studies emphasises the historical importance of these civilisations to the cultural tradition of Western Europe, which is an important part of contemporary New Zealand culture. It is a multi-disciplinary subject which includes the study of history, literature, philosophy, mythology, art, architecture and ancient social customs. The diverse nature of Classical Studies enables students to understand the foundations of western society and gain further insight into contemporary society as well as the ancient world's connection with other intellectual [disciplines].

Course Outline

- Homer’s Epic poetry (Iliad) - a literary exploration of epic poetry, Homeric society and the Homeric hero
- Roman Civil Wars (100BCE-31BCE) - investigation of the Roman Civil Wars that led to the destruction of the Roman Republic and the birth of the Roman Empire.
- Roman Social Life - a cultural and historical investigation of ancient Romans, their way of life, societal beliefs and correlations with contemporary society.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R and W can be counted as Reading and Writing credits for UE.

Assessment

AS91200 (R/W)	Examine the ideas and values of the classical world	External	4
AS91202 (R)	Examine a significant event in the classical world	Internal	4
AS91203 (R/W)	Demonstrate understanding of socio-political life in the classical world	External	6
AS91204 (R)	Demonstrate understanding of the influence of aspects of the classical world on other cultures	Internal	6
Total Possible Credits			20

Coaching & Leadership

(through Physical Education Achievement Standards)

Qualification: NCEA Level 2

Entry Requirement

- Completion of Year 11 Core Physical Education
- An interest in the fitness and/or coaching industry.

Students can only study one Physical Education, Outdoor Education or Coaching course.

Students will only be permitted to take Level 2 Physical Education and this coaching course **in consultation with the Head of Department** and no other pathway is available.

Course Outline

Using a mix of Achievement Standards and Unit Standards students will develop core skills for a career pathway in sports coaching and leadership.

- Practical Sports – break down skills into motor skill sub-routines for improved personal and peer development
- Leadership – working with younger students from a range of ages including local primary schools, students plan, deliver and evaluate their leadership skills
- Social responsibility – develop and evaluate high level group functioning skills throughout the year.

Target Group

The programme targets Year 12 students who

- wish to enter the fitness industry
- have a passion for coaching
- have a love of sports
- On completion students will have had:
- leadership opportunities
- first aid qualifications
- practical understanding of nutrition, training programmes and exercise movements

Additional Course Costs & Special Requirements

Approximate additional cost of \$150.00 per student

Assessment

AS91330	Perform a physical activity in an applied setting	Internal	4
AS91332	Evaluate leadership strategies that contribute to the effective	Internal	4
US467	Demonstrate personal and social development through participation in adventure-based learning	Internal	3
US21649	Apply knowledge of basic anatomy to the performance of sports skills	Internal	4
US22770	Demonstrate knowledge of sport coaching, the coaching environment and sport participants' needs	Internal	4
Total Possible Credits			19

Contact: Mr D Gundersen

Computer Science

Qualification: NCEA Level 2

Entry Requirement

11 credits or more in Level 1 Digital Technology

Course Outline

Level 2 Computer Science is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of digital outcomes. Level 2 is a specialised course that aims to extend the skills built in Level 1 Digital Technology into more advanced areas of programming and UX design. It has been developed with leading tertiary providers to ensure students are well prepared for future study and the industry. Projects may develop skills such as; the integration of graphic design into digital interfaces, website development, responsive application design, digital modelling using industry standard software, research and development of emerging digital technologies.

Specialist areas that would be beneficial to study in support to Computer Science at Level 2 would be Visual Art - Design, Visual Art - Photography, Animation and Motion Graphics and Spatial Design.

Additional Course Costs & Special Requirements

Students must have a laptop computer that meets the following requirements:

- Annual subscription to Adobe Creative Suite (approx \$10) organised by the College.
- The ability to run the Adobe Suite software - 16GB RAM is recommended.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways including Web Design and Development, Database Integration, Programming of UX Design.

Assessment

AS91893	Use advanced techniques to develop a digital media outcome	Internal	4
AS91896	Use advanced programming techniques to develop a computer programme	Internal	6
AS91897	Use advanced processes to develop a digital technologies outcome	Internal	6
AS91899 (N)	Present a summary of developing a digital outcome	External	3
Total Possible Credits			19

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology.

Contact: Ms M Aitken

Dance

Qualification: NCEA Level 2

Entry Requirement

Level 1 Dance with a minimum of 14 internal and 4 external credits. Students who have not studied Level 1 Dance may be admitted with the approval of the Head of Dance.

Course Outline

This course is for students with a background and ability in dance who wish to develop these skills in a variety of styles and contexts. Students will engage in choreography for both individual and group performances. Students may choose an individual course up to a total of 24 credits.

One externally assessed standard require students to analyse dance performances and to demonstrate knowledge of influences on dance genres and styles.

Extension Dance

Extension Dance is an accelerated class for students who show they are capable of achieving at a level above their year group. Entry into Extension classes are by invitation only by the HoD and is dependent on timetable constraints and subjects selected. Year 12 Extension students will receive an extra three periods over the 7 day cycle, these will take place during the timetable study periods. All students who are part of the Extension classes are invited to sit the NZQA Scholarship examination in Term 4.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91205	Choreograph a group dance to communicate an Intention	Internal	4
AS91206	Choreograph a solo dance to communicate an Intention	Internal	4
AS91207	Perform an ethnic or social dance to communicate understanding of the style	Internal	4
AS91208	Perform a theatre dance to communicate understanding Of the dance	Internal	4
AS91209	Perform a repertoire of dance	Internal	6
AS91210	Demonstrate understanding of a range of Choreographic processes	Internal	4
AS91211	Provide an interpretation of a dance performance with supporting evidence	External	4

Total Possible Credits Up to 24

Contact: Mr G Wilcox

Drama

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 Drama including at least 4 external credits.
Students who have not studied Level 1 Drama but who have substantial drama experience may be accepted with the agreement of the Head of Drama.

Course Outline

Level 2 Drama builds on the techniques, skills and knowledge developed in Level 1. Drama students will be involved in advanced performance involving a substantial acting role.

Students may choose an individual course up to a total of 18 credits. This allows them to focus on production, performance, technical drama or a combination of the three. Selections should be made in consultation with the Head of Drama.

Extension Drama

Extension Drama is a separate subject for an accelerated class of students who are capable of achieving at a level above their year group. Entry into Extension classes are by application to the HoD and is dependent on timetable constraints and subjects selected. Year 12 Extension students will receive an extra three periods over the 7 day cycle which will take place during the timetabled study periods. All students who are part of the Extension classes are invited to sit the NZQA Scholarship examination in Term 4.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R and W can be counted as Reading and Writing credits

Assessment

Performance Standards

AS91214	Devise and perform a drama to realise an intention	Internal	5
AS91216 (R)	Perform features of a complex drama or theatre form or period	Internal	4
AS91218 (R)	Perform a substantial acting role in a scripted production	Internal	5
AS91219 (W)	Discuss drama elements, techniques, conventions and technologies within live performance	External	4
Total Possible Credits Up to			18

Production & Technical Standards (optional)

US27699	Research and design a costume for a specified performance context	Internal	4
US27700	Demonstrate and apply knowledge of stage lighting design and process	Internal	4
US27701	Demonstrate knowledge and skills of makeup design and application for a specified character	Internal	3
US27702	Take responsibility for a production area in a performance	Internal	4
Total Possible Credits Up to			18

Contact: Mrs J Acheson

Economics

Students who take Economics may also elect one but not both from either Accounting or Business.

Qualification: NCEA Level 2

Entry Requirement

16 credits from Level 1 Economics or subject to HoD Approval.

Recommended co-requisites are Level 2 Mathematics and English.

Introduction

Level 2 Economics sees students examine the operation of the New Zealand economy through a Macro-economic perspective. Major issues covered will include Inflation, Economic Growth, Trade and Unemployment.

Course Outline

Students will learn how to define and measure changes in these issues and to create models to understand relevant causes and possible effects. For each economic issue, students will be asked to examine the effectiveness of possible government actions, including Fiscal and Monetary policy.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R and W can be counted as Reading and Writing credits for UE.

Assessment

AS91223 (W)	Describe international trade and its causes and effects using economic models	External	4
AS91224 (W)	Describe economic growth and its causes and effects using economic models	External	4
AS91225 (R)	Describe unemployment and its causes and effects using economic models	Internal	4
AS91227 (R)	Describe government policies in relation to economic issues	Internal	6
AS91228 (R)	Analyse a contemporary economic issue of special interest using economic concepts and models	Internal	4
Total Possible Credits			22

English

English is a compulsory subject at Year 12.
All Year 12 students study English at varying levels according to their individual learning requirements.

Qualification: NCEA Level 2

Entry Requirement

To enter the Level 2 Achievement Standards course we recommend, 14 credits in Level 1 English be attained. Without these credits students may be considered for the Level 2 Restricted English programme where class sizes are smaller.

The course is designed to enable students to increase their language experience, competence and awareness and to develop an appreciation of literature.

Course Outline

Level 2 English is an integrated course involving:

- The study of literature (novel, poetry, drama, short story, film)
- Crafting a response in a variety of registers for different purposes and audiences
- The study of current written, spoken and visual language
- The investigation of a theme through independent reading

UE Approved

This subject leads to a Level 3 approved UE course. Level 2 English will enable students to obtain sufficient literacy credits to fulfil University entrance requirements.

Assessment

AS91098 (R/W)	Analyse specified aspect(s) of studied written text(s) supported by evidence	External	4
AS91099 (W)	Analyse specified aspect(s) of studied visual or oral text(s) supported by evidence	External	4
AS91101 (W)	Produce a selection of crafted and controlled writing	Internal	6
AS91105 (R)	Use information literacy skills to form developed conclusions	Internal	4
Total Possible Credits			18

Optional Achievement Standard Available (With HoD Approval)

AS91100 (R/W)	Analyse significant aspects of unfamiliar written text(s) through close reading supported by evidence	External	4
AS91102	Construct and deliver a crafted and controlled text	Internal	3
AS91104	Analyse significant connections across texts, supported by evidence	Internal	4

Assessments cover literature, close reading skills, a language study such as advertising, and writing in a specific style.

Contact: Mr G Corrigan

English Alternate

English is a compulsory subject at Year 12.

All Year 12 students study English at varying levels according to their individual learning requirements.

Qualification: NCEA Level 2

Entry Requirement

To enter the Level 2 Achievement Standards course, 14 credits in Level 1 English is required.

Introduction

The Level 2 English Alternate course will enable students to obtain sufficient literacy credits to fulfil University entry requirements.

Course Outline

The Level 2 English alternate is an integrated course involving:

- The study of Visual and Written Language
- The study of several works of literature in the genres of prose, drama, poetry, film or non-fiction across a theme
- The study of a topic using information literacy and inquiry based research

UE Approved

This subject leads to a Level 3 approved UE course. Level 2 English will enable students to obtain sufficient literacy credits to fulfil University entrance requirements.

Assessment

AS91098 (R/W)	Analyse specified aspect(s) of studied written text(s) supported by evidence	External	4
AS91099 (W)	Analyse specified aspect(s) of studied visual or oral text(s) supported by evidence	External	4
AS91102	Construct and deliver a crafted and controlled oral text	Internal	3
AS91104	Analyse significant connections across texts, supported by evidence	Internal	4
AS91105 (R)	Use information literacy skills to form developed conclusions	Internal	4
Total Possible Credits			19
Optional Achievement Standard Available (With HoD Approval)			
AS91101 (W)	Produce a selection of crafted and controlled writing	Internal	6
AS91103	Create a crafted and controlled visual and verbal text	Internal	3
AS91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	Internal	3

Contact: Mr S Broun

Fashion and Textiles Design

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 Fashion and Textiles Design.

Course Outline

Level 2 Fashion and Textiles Design is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of fashion, textile and soft materials design. Level 2 is a specialised course that aims to extend the skills built in Level 1 Fashion and Textiles Design into more advanced areas of fashion illustration, pattern adaptation and construction. It has been developed with leading tertiary providers to ensure students are well prepared for future study and the industry.

Projects may develop skills such as; advanced pattern adaption to suit personal design ideas, professional fashion ideation and development, fashion styling and photography and work for local and national competitions.

Specialist areas that would be beneficial to study in support to Fashion and Textiles Design at Level 2 would be Visual Art - Photography, Visual Art - Design, Product Design and Visual Art - Painting and Printmaking.

Additional Course Costs & Special Requirements

- Students are required to supply their own fabric and patterns
- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways including Product Design, Industrial Design, Fine Arts and Fashion and Textile Design.

Assessment

AS91337	Use visual communication techniques to generate design ideas	External	3
AS91345	Implement advanced procedures using textile materials to make a specified product with special features	Internal	6
AS91357	Undertake effective development to make and trial a prototype	Internal	6
Total Possible Credits			15

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as an academic report and/or a portfolio.

Contact: Ms M Aitken

Financial Literacy

Qualification: NCEA Level 2

Entry Requirement

This is an open entry course, subject to approval from the Head of Commerce.

Introduction

Financial Literacy offers students the opportunity to complete Level 2 Unit Standards in a variety of business and personal financial management related topics. The aim of this course is to introduce students to some of the practical skills and knowledge they will require when they enter the workforce and become financially independent.

Course Outline

The topics covered in Level 2 Financial Literacy include:

- Employment law
- Banking
- Budgets
- Consumer Law

UE Approved

While Financial Literacy does continue to Level 3, it is not a university approved subject. A subject endorsement is not possible in Financial Literacy.

Assessment

US1979	Describe the Employment Relationship and application of Employment Law	Internal	3
US3492	Write a short report	Internal	3
US8555	Describe the purposes and application of consumer law	Internal	3
US28094	Produce a balance budget and adjust the budget to reflect changing financial services	Internal	3
US20896	Evaluate and select insurance product types in relation to events for personal finances	Internal	3
US28097	Evaluate and select personal banking products and services in relation to personal financial needs	Internal	3
Total Possible Credits			18

A selection of the standards detailed will be offered in order to provide an opportunity for students to gain up to 18 NCEA Level 2 credits.

Contact: Mrs J Halas

Food Technology

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 Food Technology

Course Outline

Level 2 Food Technology is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of culinary design. Level 2 is a diverse course that aims to extend the skills built in Level 1 Food Technology into more advanced areas of food science, nutrition and culinary design. Projects may develop skills such as: industry standard barista skills; the research and development of innovative products aimed at local or global markets; food styling and photography and advanced processing procedures. Specialist areas that would be beneficial to study in support to Food Technology at Level 2 would be Visual Art - Photography, Visual Art - Design and at least one Science.

This course may offer some optional industry-recognised Unit Standard assessment opportunities for students who have an interest in this area.

Additional Course Costs & Special Requirements

- Items below are purchased through the Technology department
- Service IQ Unit Standard Assessment - \$15
- Individual course projects may incur additional costs depending on the nature of their outcomes and resources required

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways including Food Technology, Food Science and Nutrition

Assessment

AS91351	Implement advanced procedures to process a specified product	Internal	4
AS91357	Undertake effective development to make and trial a prototype	Internal	6
AS91363	Demonstrate understanding of sustainability in design	External	4
US167	Practice food safety methods in a food business under supervision		4
US17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	Internal	4
Total Possible Credits			22

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as a formal academic report and/ or a portfolio.

Contact: Ms M Aitken

French

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 French (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 2 French course aims to further enhance receptive and productive language skills in the target language, with particular emphasis on extending the repertoire of vocabulary and language features. Skills for reading French for comprehension and pleasure are further developed. It is anticipated that students who elect to study French in Year 12 have the intention of continuing into Year 13 and completing the NZQA Level 3 qualification.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91118	Demonstrate understanding of a variety of spoken French texts on familiar matters	External	5
AS91120	Give a spoken presentation in French that communicates information, ideas and opinions	Internal	4
AS91121	Demonstrate understanding of a variety of written and / or visual text(s) on familiar matters	External	5
AS91122	Write a variety of text types in French to convey information, ideas and opinions in genuine contexts	Internal	5
Total Possible Credits			19

Geography

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 Geography.

Students who have not previously studied Geography and who wish to enter at Level 2 will need to complete an application process for consideration by the Head of Geography.

Course Outline

Geography at Level 2 involves the detailed study of topics including:

- The Amazon Basin
- Auckland - upwards or outwards?
- The urban pattern of crime in Chicago
- The global pattern of Malaria
- Conducting geographic fieldwork

The skills and knowledge geography students acquire at this level will help them at Level 3 Geography.

Additional Course Costs and Special Requirements

Field trips are part of the Geography course. There are additional costs associated with these.

UE Approved

This subject leads to a Level 3 approved UE course. Standard marked R can be counted as Reading credits for UE Literacy.

Assessment

AS91240 (R)	Demonstrate geographic of a large natural environment	External	4
AS91241	Demonstrate geographic understanding of an urban pattern	Internal	3
AS91244	Conduct geographic research with guidance	Internal	5
AS91245	Describe aspects of a contemporary New Zealand Issue	Internal	3
AS91246	Explain aspects of a geographic topic at a global scale	Internal	3
Total Possible Credits			18

History

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 History (this must include AS91005). For those students who have not previously studied History but who wish to enter at Level 2, credits obtained in another Social Science subject will be used as the basis for entry.

Course Outline

History at Level 2 studies two topics across modern world history:

- Warsaw Ghetto Uprising
- Revolution in Russia

Students are encouraged to:

- develop their formal writing and research and enquiry skills
- analyse and discuss historical arguments and debates
- defend an opinion or idea with relevant historical data
- understand and use historical concepts.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91229 (R)	Carry out an inquiry of an historical event, or place, that is of significance to New Zealanders	Internal	4
AS91230 (R)	Examine an historical event, or place, that is of significance to New Zealanders	Internal	5
AS91231 (R/W)	Examine sources of an historical event that is of significance to New Zealanders	External	4
AS91233 (R/W)	Examine causes and consequences of a significant historical event	External	5
Total Possible Credits			18

Japanese

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 Japanese (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 2 Japanese course aims to further enhance receptive and productive language skills in the target language, with particular emphasis on extending the repertoire of vocabulary and language features. It is anticipated that students who elect to study Japanese in Year 12 have the intention of continuing into Year 13 and completing the NZQA Level 3 qualification.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91133	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	External	5
AS91135	Give a spoken presentation in Japanese that communicates information, ideas and opinions	Internal	4
AS91136	Demonstrate understanding of a variety of written and / or visual text(s) on familiar matters	External	5
AS91137	Write a variety of text types in Japanese to convey information, ideas and opinions in genuine contexts	Internal	5
Total Possible Credits			19

Latin

Qualification: NCEA Level 2

Entry Requirement

15 credits in Level 1 Latin.

Course Outline

- Latin at Level 2 is designed to further extend students' confidence and competence in the translation and comprehension of the Latin language
- Increase the ease with which they can understand and employ the forms of Latin words and grammatical constructions.
- Broaden their understanding of aspects of Roman history and culture.

By the end of the year students will be able to:

- Translate quite complex passages of Latin
- Answer questions on the structure of the language
- Have a sound working knowledge of Roman customs and habits, as well as some notion of our debt to Roman society
- Discuss the themes and structures of Roman literature they have studied
- Demonstrate their command of an extensive vocabulary.

UE Approved

This subject leads to a Level 3 approved UE course. Standard marked R can be counted as Reading credits for UE Literacy.

Assessment

AS91194	Translate adapted Latin text of medium complexity into English, demonstrating understanding	External	6
AS91195	Interpret adapted Latin text of medium complexity, demonstrating understanding	External	5
AS91196 (R)	Interpret studied Latin literary text(s)	Internal	6
AS91199	Write Latin sentences of medium complexity that demonstrate understanding of Latin	Internal	3
Total Possible Credits			20

Mathematics

Qualification: NCEA Level 2

Entry Requirement

Entry to Mathematics required 14 credits from Level 1 Mathematics including 91029 Linear Algebra.

Course Outline

Mathematics is a full NCEA Level 2 Course. It is designed for students who seek a balance of both Mathematics and Statistics.

All Achievement Standards are internally assessed, so no endorsement is possible. At the discretion of the Head of Mathematics, students from this course may progress to Level 3 Mathematics but not to Level 3 Mathematics with Calculus or Mathematics with Statistics.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked with an N can be used towards meeting UE Numeracy requirements.

Assessment

AS91256 (N)	Apply coordinate geometry methods in solving problems	Internal	2
AS91258 (N)	Apply sequences and series in solving problems	Internal	2
AS91260 (N)	Apply network methods in solving problems	Internal	2
AS91264 (N)	Use statistical methods to make an inference	Internal	4
AS91267 (N)	Apply probability methods in solving problems	External	4
AS91268 (N)	Investigate a situation involving elements of chance using a simulation	Internal	2
Total Possible Credits			16

(Mathematics) Calculus

Qualification: NCEA Level 2

Entry Requirement

NCEA Level 1 Mathematics, 14 credits including Merit or higher in AS91029 and either AS91028 or AS91032.

Course Outline

There is a major emphasis on algebraic processing and a large jump in the mathematical understanding from Year 11 to Year 12 Mathematics. The course covers:

- Algebraic processes
- Graphical methods
- Introduction to Calculus including both differentiation and integration
- Trigonometric relationships

Mathematics for Calculus is designed for students who wish to study Calculus in Year 13 but will also allow entry into Statistics.

Students will achieve competence in basic algebraic, graphical and computational skills, and develop a broad foundation for further studies in Mathematics and allied subjects.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91257 (N)	Apply graphical methods in solving problems	Internal	4
AS91258 (N)	Apply sequences and series in solving problems	Internal	2
AS91259 (N)	Apply Trigonometric relationships in solving problems	Internal	3
AS91261 (N)	Apply algebraic methods in solving problems	External	4
AS91262 (N)	Apply calculus methods in solving problems	External	5
AS91269 (N)	Apply systems of equations in solving problems	Internal	2
Total Possible Credits			20

(Mathematics) Statistics

Qualification: NCEA Level 2

Entry Requirement

At least 14 credits from NCEA Level 1 Mathematics including Merit or higher in AS91037, Chance and Data and AS91035 Multiivariate Data.

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked with an N can be used towards meeting UE Numeracy requirements.

Course Outline

The emphasis of Mathematics for Statistics is to provide students with the analytical and statistical skills required for further studies in Statistics and allied subjects.

Basic graphical and computation skills are required and will be developed throughout the course.

Assessment

AS91263 (N)	Design a questionnaire	Internal	3
AS91264 (N)	Use statistical methods to make an inference	Internal	4
AS91265 (N)	Conduct an experiment to investigate a situation using statistical methods	Internal	3
AS91266 (N)	Evaluate a statistically based report	Internal	2
AS91267 (N)	Apply probability methods in solving problems	External	4
AS91268 (N)	Investigate a situation using a simulation	Internal	2
Total Possible Credits			18

Media in Society

Qualification: NCEA Level 2

Entry Requirement

- At least 12 credits in Level 1 Media in Society.
- A strong interest in Media and Film.

Introduction

People today are plugged in '24/7' and for the most part, we struggle to understand the media messages which bombard us. Media in Society helps students critically examine the role of the media in their lives as more than simply forms of entertainment but in the shaping of identity and how students see the world. Students then apply this knowledge into practical production.

Course Outline

Media in Society at Level 2 continues developing students and their ability to tell stories and create media for audiences. By examining narrative and genre in greater depth, students can grow as critical thinkers and make connections between audience engagement and commercial considerations. A cornerstone of that is studying horror films and understanding why they are big business.

Additional Course Costs & Special Requirements

- Access to an external hard drive for video storage - (minimum 250gb)
- An 8GB SD card

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R and W can be counted as either Reading and Writing credits for UE Literacy.

Assessment

AS91249	Demonstrate understanding of narrative in media texts	Internal	4
AS91251 (W)	Demonstrate understanding of an aspect of a media genre	External	4
AS91252	Produce a design and plan for a developed media product, using a range of conventions	Internal	4
AS91253	Complete a developed media product using a range of conventions, from a design and plan	Internal	6
AS91255 (R)	Write developed media text for a specific target audience	Internal	3
Total Possible Credits			21

Music

Qualification: NCEA Level 2

Entry Requirement

Achievement in at least 20 credits at Level 1 Music (including at least 4 credits from External Standards).

Students who have not completed Level 1 Music can enter Level 2 Music at the discretion of the Head of Music. In these cases proof of evidence in practical and theoretical music is mandatory.

Course Outline

Level 2 Music encourages further awareness of a wide range of music and develops skills in solo and group performance, composition and listening. Historical studies and the analysis of two selected works will develop understanding of the range and development of musical styles. Students should be practising musicians and are expected to participate in College music groups.

Students choose an individual course from a total of 41 credits. This allows them to specialise in practical music, music studies, or a combination of both. The balance of the course is chosen from a wide range of practical music and music studies standards.

UE Approved

This subject leads to a Level 3 approved UE course. Standard marked W can be counted as Writing credits for UE Literacy.

Assessment

AS91270	Perform two substantial pieces of music as a featured soloist	Internal	6
AS91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Internal	4
AS91273	Devise an instrumentation for an ensemble	Internal	4
AS91277 (W)	Demonstrate understanding of two substantial contrasting music works	External	6
AS91278	Investigate an aspect of New Zealand music	Internal	4

Total Possible Credits Up to 24

Contact: Ms M Lin

Music Projects

Qualification: NCEA Level 2

Entry Requirement

NCEA Level 1 Music or evidence of involvement in an area of Music such as (but not limited to) performance, song writing or music technology.

Introduction

This is a course focused on contemporary instrumental and vocal performance and songwriting. Students will be equipped with the knowledge and skills to operate on sound and music gears. At the end of each term, students take part in creating, performing, and producing their own showcase. Students are expected to participate in College music groups and to contribute to full College music events.

Course Outline

Students create a course which draws on some aspects of the NCEA Music course with the potential to add standards from the Performing Arts Technology Standards and Music Technology Standards.

This is a practical course requiring individual and group work with positive attitude, effort and an open-mind to create, recreate and connect with the music industry. We work closely with NZ Music Commission to provide mentoring and workshop opportunities for our students.

Under most circumstances this course cannot be taken in conjunction with Level 2 NCEA Music. However, this can be discussed with the Head of Music.

Students who complete Level 2 Music Projects can progress to the NCEA Level 3 Music course.

UE Approved

This subject leads to a Level 3 approved UE course.

Please Note: The running of this course in 2020 is subject to staffing and student numbers.

Assessment

AS91217	Compose two substantial pieces of music	Internal	4
AS91270	Devise an instrumentation for an ensemble	Internal	6
AS91271	Perform a substantial piece of music as a featured soloist on a second instrument	Internal	6
US27703	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Internal	4
US27658	Demonstrate and apply knowledge of electronic production and music notation applications	Internal	4
Total Possible Credits Up to			24

Contact: Ms M Lin

Outdoor Education

Qualification: NCEA Level 2

Entry Requirement

Students must have attained 16 credits in Level 1 English.

Prospective students must demonstrate a passion and genuine interest in education in the outdoors. **Students can only take one Physical Education, Outdoor Education or Coaching and Leadership course.**

Due to the restricted number of students accepted because of health and safety regulations, a letter of application will be required.

Introduction

As a key area of learning within the Health and Physical Education Curriculum, Outdoor Education provides students with opportunities through **Achievement Standards** to develop personal and social skills such as decision making skills, leadership, and confidence through challenge based activities and achievements. Students will become actively knowledgeable, safe, and skilled in the outdoors, with care for the environment a paramount focus.

Course Outline

- To provide opportunity for personal development through the adventure and challenge of outdoor pursuits
- To develop the initiative and leadership skills of accepting responsibility, coping with adversity and decision making

- To provide opportunities for social development, caring, cooperation and acceptance of individual differences through shared experiences and communal living
- To gain experience in a wide range of outdoor activities and to extend their competence in one or more
- To examine the concept of outdoor education as a worthwhile, lifelong interest and its potential for employment

Additional Course Costs & Special Requirements

Approximate additional cost of \$1,200.00. This covers the costs associated with professional providers and field trips. Optional trips are offered at additional costs.

Modules Include:

- Tramping & Canyoning
- Multi Sport Event
- Scuba Diving - Open Water Certificate (may include additional costs)
- Poor Knights - Dive (optional)
- White water kayaking
- WERO Whitewater Centre
- Day Skipper Course (may incur additional costs)
- Sailing (day trip)

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91330	Perform an activity in an applied setting	Internal	4
AS91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	Internal	4
AS91332	Evaluate leadership strategies that contribute to the effective functioning of a group	Internal	4
AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	Internal	3
AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	Internal	3
US26542	Coast Guard - Day Skipper Course	Internal	6
Total Possible Credits			24

Contact: Ms K Wards

Physical Education

Qualification: NCEA Level 2

Entry Requirement

Students can only study one Physical Education, Outdoor Education or Coaching Course.

Students must have attained 16 credits or more in Level 1 NCEA Physical Education or 16 credits or more in both Level 1 Science and English, or at least 8 Merit credits in Science and English. Students are required to show evidence of a portfolio of notes/resources attained from Level 1 Physical Education.

Any student who has not met the entry requirements must seek approval from the Head of Physical Education prior to being admitted to the course.

Course Outline

This is an in-depth study of Sport Science, Sport and Physical Education within a contextually rich syllabus.

Upon successfully completing the core modules, students will be able to:

- Understand how functional anatomy and biomechanical principles related to physical activity/sport

- Be able to effectively apply principles and methods of training to Basketball as well as their own sport
- Implement motor skill learning principles in a performance improvement programme
- Improve physical skills to a national standard (Basketball, Gymnastics, video montage)
- Examine the significance of New Zealand sporting events for themselves, others and society for example the America's Cup.

Additional Course Costs & Special Requirements

Students will participate in a day at Gymsports in Papakura and AUT Millennium. Additionally there will be a research component based around The Americas Cup. The total cost of this will be approximately \$300.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91327	Examine the role and significance of physical activity in the lives of young people in New Zealand	Internal	3
AS91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	Internal	5
AS91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	Internal	4
AS91330	Perform a physical activity in an applied setting	Internal	4
AS91331	Examine the significance of an event, festival or physical activity for self, others and society	Internal	4
AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical education	Internal	3
Total Possible Credits			23

Physics

Qualification: NCEA Level 2

Entry Requirement

12 credits in NCEA Level 1 Science including Merit or higher in AS90940 (Mechanics) and AS91027 (Algebra) as well as Achieved or higher in AS90128 (Equations and graphs) and AS91032 (Right-angled triangles).

Students may only enter one Physics course at Level 2.

Introduction

This course is designed for students with a real interest in the physical world around them and who are considering further study at a Tertiary Institution in courses where Physics is a recommended or required subject e.g. **Medicine, Architecture etc.** Students will be taught the algebraic skills required to solve complex Physics problems.

The successful completion of this course will **allow entry into the Level 3 NCEA Physics course** only and not the Level 3 NCEA Physics - Calculus based course.

Course Outline

- Investigate physical phenomena in the areas of mechanics, electricity, electromagnetism, heat, light and waves, atomic and nuclear physics and produce qualitative and quantitative explanations for a variety of unfamiliar situations
- Analyse data to deduce complex trends and relationships in physical phenomena
- Use physics ideas to explain a technological or biological application of physics

Additional Course Costs & Special Requirements

- Physics workbook

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked with an N can be used towards meeting UE Numeracy requirements.

Assessment

AS91169	Demonstrate understanding of physics relevant to a selected context	Internal	3
AS91170 (N)	Demonstrate understanding of waves	External	4
AS91171 (N)	Demonstrate understanding of mechanics	External	6
AS91172 (N)	Demonstrate understanding of atomic and nuclear physics	Internal	3
Total Possible Credits			16

Physics - Calculus-Based

Qualification: NCEA Level 2

Entry Requirement

12 credits in NCEA Level 1 Science including Merit or higher in AS90940 (Mechanics).

Students must also be studying NCEA Level 2 Mathematics with Calculus.

Students may enter only one Physics course at Level 2.

Introduction

This course is designed for students with a real interest in the physical world around them, who are competent in Mathematics and are considering further study at a Tertiary Institution where entry into the course requires both Physics and Calculus e.g. Engineering. The successful completion of this course will allow entry into Level 3 NCEA Physics - Calculus based or Level 3 NCEA Physics.

Course Outline

Students will:

- Investigate physical phenomena in the areas of mechanics, electricity, electromagnetism, heat, light and waves, atomic and nuclear physics and produce qualitative and quantitative explanations for a variety of unfamiliar situations
- Analyse data to deduce complex trends and relationships in physical phenomena
- Use physics ideas to explain a technological or biological application of physics

Additional Course Costs & Special Requirements

- Physics workbook

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked with an N can be used towards meeting UE Numeracy requirements.

Assessment

AS91170 (N)	Demonstrate understanding of waves	External	4
AS91171 (N)	Demonstrate understanding of mechanics	External	6
AS91172 (N)	Demonstrate understanding of atomic and nuclear physics	Internal	3
AS91173 (N)	Demonstrate understanding of electricity and electromagnetism	External	6
Total Possible Credits			19

Product Design

Qualification: NCEA Level 2

Entry Requirement

Achievement Standards Pathway - 12 credits or more in Level 1

Product Design

Unit Standards Pathway - to have completed Level 1 Product Design

Course Outline

Level 2 Product Design has been developed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within a given context.

Level 2 is a diverse course that aims to extend the skills built in Level 1 Product Design into more advanced problems and projects. Projects may develop skills such as; the research and development of innovative products ideation and development skills specific to students' chosen design and incorporation of advanced practical processes.

Additional Course Costs & Special Requirements

Individual student project requirements will determine if there are additional material costs.

Achievement Standard Pathway or Unit Standard Pathway

This course provides two assessment pathways - Achievement Standards and Unit Standards for students interested in either University or trade-related courses.

Specialist areas that would be beneficial to study in support to Product Design at Level 2 would be Visual Art - Design, Spatial Design, Visual Art - Sculpture, Physics and Fashion and Textiles Design.

UE Approved and Future Pathways

This Achievement Standards pathway leads to a Level 3 approved UE course and multiple tertiary pathways such as Product Design, Engineering and Industrial Design.

The Unit Standard pathway continues into a Level 3 Unit Standard Course that used industry-recognised assessments

Assessment

Achievement Standard Pathway

AS91342	Develop a product through graphic practices	Internal	6
AS91344	Implement advanced procedures using resistant materials to make a specified product with special features	Internal	6
AS91358	Demonstrate understanding of how technological modelling supports risk management	External	4
Total Possible Credits			16

Unit Standard Pathway

US12927	Identify, select, maintain and use six internal handtools for BCATS projects	Internal	6
US24350	Identify, select, maintain and use portable power tools for BCATS projects	Internal	6
US24354	Demonstrate knowledge of, and apply, safe working practices in a BCATS environment	Internal	4
Total Possible Credits			16

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as either a formal academic report and/or a portfolio.

Contact: Ms M Aitken

Science Studies (by invitation only)

Qualification: NCEA Level 2

Entry Requirement

No minimum credits required. Entry is from Level 1 Science Studies and at the discretion of Head of Sciences.

Introduction

The Science Studies course is a one year programme for students to study Earth, Space and Environmental Science and is designed for students who have made limited progress at previous levels of Science.

Science Studies is also beneficial for those students who are seeking further study, apprenticeship or a career in the trades.

Course Outline

Achievement Standards are drawn from Level 2 Sciences and cover Biology, Chemistry, Physics and Earth and Space Science.

All Achievement Standards are internally assessed therefore no course endorsement is possible.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

Earth Science

AS91187	Develop a collaborative response that promotes a sustainable future in relation to a current issue	Internal	4
AS91188	Examine an Earth and Space Science issue and the validity of the information communicated to the public	Internal	4
AS91190	Investigate how organisms survive in an extreme environment	Internal	4

Environmental Sustainability

AS90811	Explain how human activity in a biophysical environment has consequences for a sustainable future	Internal	4
AS91734	Develop a collaborative response that promotes a sustainable future, in relation to a current issue	Internal	4

Total Possible Credits **20**

Spanish

Qualification: NCEA Level 2

Entry Requirement

14 credits in Level 1 Spanish (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 2 Spanish course aims to further enhance receptive and productive language skills in the target language, with particular emphasis on extending the repertoire of vocabulary and language features. Skills for reading Spanish for comprehension and pleasure are further developed, in addition to the writing of Spanish for both practical use and composition. It is anticipated that students who elect to study Spanish in Year 12 have the intention of continuing into Year 13 and completing the NZQA Level 3 qualification.

UE Approved

This subject leads to a Level 3 approved UE course.

Assessment

AS91148	Demonstrate understanding of a variety of spoken Spanish texts on familiar matters	External	5
AS91150	Give a spoken presentation in Spanish that communicates information, ideas and opinions	Internal	4
AS91151	Demonstrate understanding of a variety of written and / or visual text(s) on familiar matters	External	5
AS91152	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts	Internal	5
Total Possible Credits			19

Spatial Design

Qualification: NCEA Level 2

Entry Requirement

16 credits in Level 1 Spatial Design including AS91068 (DVC 1.35).

Course Outline

Level 2 Spatial Design is designed to foster creative and critical practice in a project based environment. Spatial Design’s primary focus is on the designing of spaces, such as architecture, interior design and landscape architecture, as well as the way in which these ideas and thinking are presented visually.

Students have the opportunity to develop their thinking, design and practical skills in this specialist area. Within the context of Year 12 Spatial Design this includes skills like; exploring and refining spatial design ideas in response to a brief, using creative strategies for divergent thinking, integrated visual literacy and design thinking, visual communication and presentation techniques.

Specialist areas that would be beneficial to study in support to Spatial Design at Level 2 would be Visual Art - Design, Sculpture, Product Design, Visual Art - Photography, Visual Art - Painting & Printmaking, and Animation & Motion Graphics.

Optional Extra

Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

UE Approved and Future Pathways

Spatial Design is a specialist area that progresses from Year 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. Spatial Design is based on Design and Visual Communication (DVC) which is UE approved.

Assessment

AS91337	Use visual communication techniques to generate design ideas	External	3
AS91340	Use the characteristics of a design movement or era to inform own design ideas	Internal	3
AS91341	Develop a spatial design through graphics practice	Internal	6
AS91343	Use visual communication techniques to compose a presentation of a design	Internal	4
Total Possible Credits			16

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Visual Art, Spatial Design and/or Technology.

Contact: Mrs S Gwilliam

Travel and Tourism

Qualification: NCEA Level 2

This is a two year course taken at Years 12 and Year 13.

Entry Requirement

80 credits at Level 1 or students with a special interest in Travel and Tourism. Subject to the approval of the Teacher in Charge.

A functioning computer notebook with internet access is compulsory for this course.

Course Outline

Travel and Tourism comprises an introduction to the travel and hospitality industries in New Zealand and Australia.

Travel and Tourism has been designed for secondary school students and provides students with an introduction to the tourism industry. This course prepares students for entry to the National Certificate in Tourism.

Additional Course Costs & Special Requirements

The fees for the Unit Standards are for the student manuals and will be approximately \$100*.

*These figures are based on 2019 costs and are subject to change.

UE Approved

While Travel & Tourism does continue to Level 3, it is not a university approved subject. A subject endorsement is not possible in Travel and Tourism.

Assessment

US24728	Demonstrate knowledge of work roles in tourism	Internal	3
US24729	Demonstrate knowledge of world tourist destinations	Internal	4
US24730	Demonstrate knowledge of the business of tourism	Internal	4
US24731	Demonstrate knowledge of destination New Zealand	Internal	4
US24732	Demonstrate knowledge of tourist characteristics and needs	Internal	3
Total Possible Credits			18

Te Reo Māori

Qualification: NCEA Level 2

Entry Requirement

12 credits in Level 1 Te Reo Māori (1 Internal and 1 External Achievements Standard)

Introduction

At year 12, Levels 5, 6, and 7 from the Curriculum guidelines for teaching and learning Te Reo Māori are covered. The theme for this course is a continuation from Year 11 “Ko te Ao” (The world we live in) and we will study three units over the year.

- Caring for others and our planet
- Future plans
- Social issues

Course Outline

The focus for this course is to develop knowledge and understanding of language, Tikanga and Protocol of Māori heritage from the past, today and the future. Students will also learn about our place in a multi-cultural society, how we contribute to our community and respect of Māori issues.

Course Outline

The focus for this course is to develop knowledge and understanding of language, Tikanga and Protocol of Māori heritage from the past, today and the future. Students will also learn about our place in a multi-cultural society, how we contribute to our community and respect of Māori issues.

It is anticipated that students who elect to study Te Reo Māori in Year 12 have the intention of continuing into Year 13 and completing the NZQA Level 3 qualification.

Assessment

AS91285	Kōrero kia whakamahi i te reo o te ao torotoro	Internal	6
AS91288	Waihanga tuhinga auaha, i te reo o te ao torotoro	Internal	6
AS91287	Tuhi i te reo o te ao torotoro	External	6
Total Possible Credits			18

Students will be required to submit two of each internal standard from their portfolio of work over the course. A written external will take place in Term 4. Students will maintain a speaking and writing portfolio throughout the year.

Contact: Mr M Nelson

Visual Art - Design

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 Visual Art.

Course Outline

Level 2 Visual Art - Design has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of communication design practices, techniques and outcomes.

Level 2 is a diverse course that aims to extend the skills built in Level 1 Visual Art - Design and Photography into more advanced understanding and repertoire of communication and graphic design practices. Contexts and course work may develop skills such as; the ideation, development and production of a custom typeface, the manipulation and development of digital ideas, knowledge of specialist tools and techniques such as Adobe, Illustrator, Photoshop and InDesign and how to engage in a critical and personal response to visual problems using established practice to assist development.

Additional Course Costs & Special Requirements

Individual student project requirements will determine if there are additional material costs

- A laptop with 8GB RAM and the ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.
- Folio board printing costs

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Communication Design, Fine Arts, Digital Design and Industrial Design.

Assessment

AS91310	Use drawing methods to apply knowledge of conventions appropriate to design	Internal	4
AS91315	Develop ideas in a related series of drawings appropriate to established design practice	Internal	4
AS91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	External	12
Total Possible Credits			20

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Contact: Mr R Stratton

Visual Art - Painting and Printmaking

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 Visual Art.

Course Outline

Level 2 Visual Art - Painting and Printmaking has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of painting and/or printmaking practices. Level 2 is a diverse course that aims to extend the skills built in Level 1 Visual Art into a more advanced understanding of established practice and a wider repertoire of media and techniques. Contexts and course work may develop skills such as; advanced compositional devices to communicate personal messages, advanced application of wet and dry media, the ability to develop ideas that visually communicate student's own personal, social and cultural experiences and develop a deeper understanding and appreciation of established artists. Specialist areas that would be beneficial to study in support to Visual Art - Painting and Printmaking would be Visual Art - Design, Photography, Animation and Motion Graphics, Sculpture or Spatial Design.

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop and an annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Fine Arts, Communication Design, Digital Design and Industrial Design.

Assessment

AS91311	Use drawing methods to apply knowledge of conventions appropriate to painting	Internal	4
AS91316	Develop ideas in a related series of drawings appropriate to established painting practice	Internal	4
AS91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	External	12
Total Possible Credits			20

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Contact: Mr R Stratton

Visual Art - Photography

Qualification: NCEA Level 2

Entry Requirement

12 credits or more in Level 1 Visual Art .

Course Outline

Level 2 Visual Art - Photography has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of photographic practices. Level 2 is a diverse course that aims to extend the skills built in Level 1 Visual Art into a more advanced understanding of established practice and a wider repertoire of media and techniques. It aims to encourage students to discover the genius and magic of photography amidst a world saturated with recording devices. Contexts and course work may develop skills such as; advanced compositional devices to communicate personal messages, advanced application of specialised photographic techniques, digital manipulation, professional darkroom and studio practices, the ability to develop ideas that visually communicate student’s own personal, social and cultural experiences and develop a deeper understanding and appreciations of established artists working in these specialist fields.

Specialist areas that would be beneficial to study in support to Visual Art - Photography would be Visual Art - Sculpture and Spatial Design.

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop and an annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.
- Folio board printing costs
- Digital SLR camera, external hard drive, SD card.
Please see the Art Department staff for more guidance if needed.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Communication Design, Fine Arts, Digital Design and Industrial Design.

Assessment

AS91307	Demonstrate an understanding of methods and ideas from established practice appropriate to Photography	Internal	4
AS91312	Use drawing methods to apply knowledge of conventions appropriate to Photography	Internal	4
AS91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within Photography	External	12
Total Possible Credits			20

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Contact: Mr R Stratton

Visual Art - Sculpture

Qualification: NCEA Level 2

Entry Requirement

12 credits in Level 1 Visual Art.

Course Outline

Level 2 Visual Art - Sculpture has been developed to foster creative and critical practice in a project based environment. The focus of this specialist area is on the generation and development of sculptural practices. The Level 2 course is a diverse programme that builds on the foundation of Level 1 and now focuses specifically on understanding and responding to established sculptural practices.

Specialist areas that would be beneficial to study in support to Visual Art - Sculpture would be Visual Art - Design, Painting and Printmaking, Photography, Spatial Design or Animation and Motion Graphics.

Additional Course Costs & Special Requirements

Individual student project requirements will determine if there are additional material costs

- The ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Cloud Creative Suite (\$10 approx) organised by the College.
- Folio board print costs

UE Approved and Future Pathways

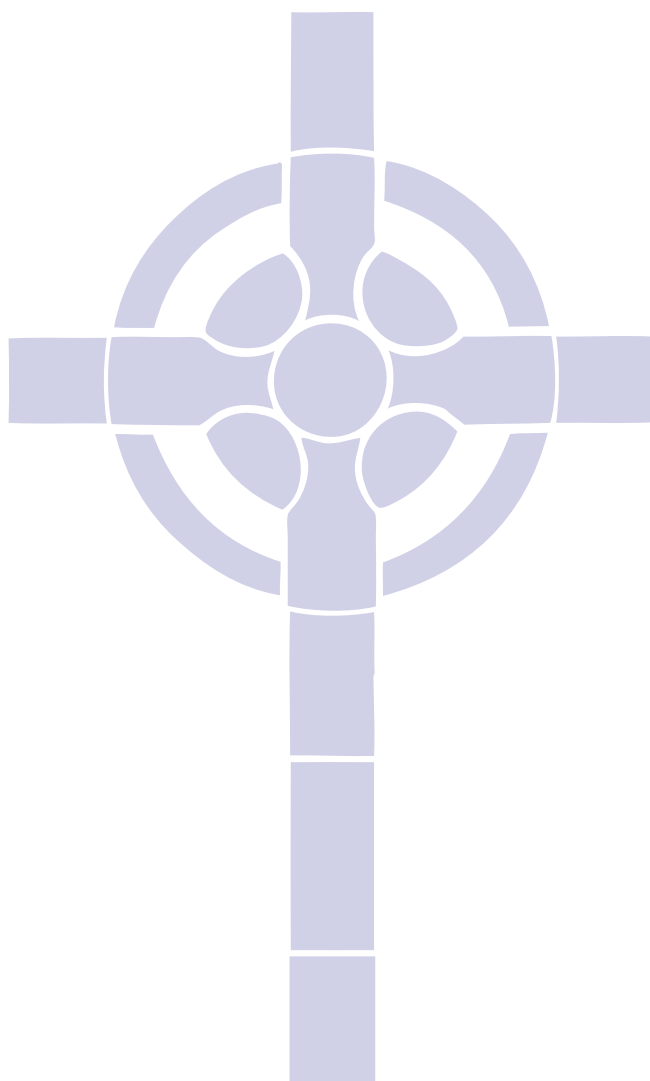
This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Fine Arts, Product Design, Industrial Design and some areas of Architecture.

Assessment

AS91309	Demonstrate an understanding of methods and ideas from established practice appropriate to sculpture	Internal	4
AS91314	Use drawing methods to apply knowledge of conventions appropriate to Sculpture	Internal	4
AS91324	Produce systematic body of work that shows understanding of art making conventions and ideas within sculpture	External	12
Total Possible Credits			20

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Contact: Mr R Stratton



Course Structure for Year 13 Students - NCEA

At Year 13, the qualification for NCEA students is NCEA Level 3.
Top achieving students may also choose to enter for NZQA Scholarship exams.

All students at Level 3, study Christian Education.

The majority of Year 13 NCEA students choose five subjects.
For most students these will be all Level 3 NCEA subjects, however, where appropriate, some students may have a multi-level combination of Level 1, 2 and/or 3 subjects.

Most Level 3 subjects will have a combination of both internally and externally assessed Achievement Standards. Each of these Achievement Standards has a credit value of between 17 and 24 credits. For a student to be awarded NCEA Level 3, they must attain a minimum of 80 credits, 60 of which must be from Level 3 standards.

Different NCEA requirements exist for University Entrance and for a variety of restricted entry courses. A section at the back of this Handbook has information about prerequisites for entrance to University. This is intended as a guide only as changes may occur. Accurate details can be obtained from the University websites or Student Services.

The additional NZQA Scholarship qualification is offered in Level 3 subjects to a restricted number of capable students. Students may enter one or more Scholarship examinations in addition to their NCEA Level 3 assessments. These students are identified early and mentored throughout the year in preparation for this extra qualification.

In Year 13 students have the option of picking an interdisciplinary course consisting of Classical Studies, Media and English. This liberal arts course blends content, themes, skills and assessments together to make an enriching course that breaks down traditional subject barriers. If students are interested in this course, they must choose the three subjects (English, Classical Studies, Media) or speak with Mr Clyne for further information. Please note that the Liberal Arts course is subject to timetable constraints and dependent on student numbers. Every effort will be made to fit within other subject choices however there may be a few instances where it will not be possible.

YEAR 13 SUBJECTS Qualification: Level 3 NCEA/Scholarship
English or English Visual Media in Society
Mathematics Mathematics with Calculus Mathematics with Statistics
α-Biology or Biology α-Chemistry or Chemistry Physics or Physics - Calculus based Science Studies
Classical Studies Geography or Core Geography History *Travel and Tourism Accounting Business *Financial Literacy Economics
Chinese French Japanese Latin Spanish
Visual Art - Design Visual Art - Painting and Printmaking Visual Art - Photography Visual Art - Sculpture
Dance Drama Music
Physical Education (NCEA) Outdoor Education * Sports Leadership
Animation and Motion Graphics Computer Science Fashion and Textiles Design Food Technology Product Design
Spatial Design
Christian Education (Compulsory)
* Not an approved University subject

Accounting

Qualification: NCEA Level 3

Entry Requirement

16 credits in Level 2 Accounting including AS91176 and AS91177.
Recommended co-requisites are Level 3 English and Level 3 Mathematics with Calculus or Mathematics with Statistics.

Course Outline

The defined course of study for Level 3 Accounting is focused on Partnerships, Companies and Management Decision Making.

These three topics are developed under the following learning strands:

- The conceptual basis which places emphasis on the statement of concepts and the financial reporting standards together with their applications
- The processing of information through the entire system for each topic
- Accounting reports and the associated legal obligations for each business entity
- Decision making which includes the analysis and the preparation of specific management accounting reports.

The skills mastered include problem solving, development of written communication skills, presentation of Financial Reports, and analytical skills for effective management and success in the competitive structure of business entities.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91404 (R) *	Demonstrate understanding of accounting concepts for a reporting entity	External	4
AS91405 (N)	Demonstrate understanding of accounting for partnerships	Internal	4
AS91406 (N)	Demonstrate understanding of company financial statement preparation	External	5
AS91407 (R/W/N)	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	Internal	5
AS91408 (N)	Demonstrate an understanding of management accounting to make a decision	External	4
Total Possible Credits			22 (18)

*AS91404 will be offered to all students during the year where they will have the choice of whether they wish to sit the external exam at the end of the year or not.

Scholarship in Accounting

Students who enter Scholarship are required to demonstrate higher level critical thinking through the integration and application of Accounting concepts and skills. They will be required to display comprehensive content knowledge, and effective communication skills, in a variety of contexts including complex or unfamiliar/unexpected contexts, relating to the entities. In all written answers students are expected to demonstrate a high standard of language, including accounting and business terminology within a structured framework. The course covers additional material above and beyond the Level 3 course.

Contact: Mrs K Naude

Animation and Motion Graphics

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Animation and Motion Graphics.

Course Outline

Level 3 Animation and Motion Graphics is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary outcomes. Level 3 is a more specialised course that aims to introduce students to the diverse world of animation and is underpinned by the ability to develop convincing narratives. It has been developed to ensure students are well prepared for future study and the industry. Projects may develop skills such as: the ideation and development of narrative; ideation and modelling; how to cut and produce a compelling show reel; the presentation of ideas in an authentic exhibition environment alongside the advancement of complex digital processes and software to animate outcomes.

Specialist areas that would be beneficial to study in support to Animation and Motion Graphics at Level 3 would be Visual Art - Design, Visual Art - Painting and Printmaking, Visual Art - Sculpture and Computer Science..

Additional Course Costs & Special Requirements

- Individual student project requirement will determine if there are additional material costs
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.
- Laptop computer able to run the Adobe Suite and Maya animation software - 16GB of RAM is recommended.
- Wacom Tablet is recommended, especially if not using a digitizer enabled laptop.

UE Approved and Future Pathways

This specialist area is a Level 3 approved UE course and leads to multiple tertiary pathways including Digital Design, Game Design and Development, Communication Design and Industrial Design.

Assessment

AS91609	Undertake project management to support technological practice	Internal	4
AS91612	Demonstrate understanding of how technological modelling supports technological development and implementation	External	4
AS91634	Demonstrate understanding of complex concepts of digital media	Internal	4
AS91611	Develop a prototype considering fitness for purpose in the broadest possible sense	Internal	6
Total Possible Credits			18

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as a formal academic report and/or a portfolio.

NCEA Scholarship Technology

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student is required to present a convincing reflective academic report based on the development of their technological outcome.

Contact: Ms M Aitken

α-Biology (Alpha Biology)

Qualification: NCEA Level 3

Entry Requirement

A minimum of 12 credits in Level 2 Biology or Alpha Biology.

Introduction

Alpha Biology is a subject which has a wide range of topics. This course will cover key principles with an assessment schedule that would suit students seeking to undertake more work during the course of the year, with a reduced examination programme.

Students that take Alpha Biology will not be eligible to take Scholarship Biology.

Course Outline

Alpha Biology has 3 internal and 2 external assessment opportunities and covers key principles such as:

- Animal Behaviour and Plant Responses
- Human Evolution
- Homeostasis
- Socio-scientific Issue
- Genetic Manipulation

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91602 (R/W)	Integrate biological knowledge to develop an informed response to a socio-scientific issue	Internal	3
AS91603 (R/W)	Demonstrate understanding of the responses of plants and animals to their external environment	External	5
AS91604 (R)	Demonstrate understanding of how an animal maintains a stable internal environment	Internal	3
AS91606 (R/W)	Demonstrate understanding of trends in human evolution	External	4
AS91607 (R)	Demonstrate understanding of human manipulation of genetic transfer and its biological implications	Internal	3
Total Possible Credits			18

Biology

Qualification: NCEA Level 3

Entry Requirement

A minimum of 15 credits in Level 2 Biology.

Students must have gained a minimum of 8 credits from the External Achievement Standard Examination papers. It is recommended there be a literacy level equivalent to 14 credits at Level 2 English.

This course is required for those students wanting to take Scholarship Biology.

Course Outline

The course content comprises:

- Behaviour of animals and responses of plants to the environment
- Evolution, speciation and human evolution
- Genetic manipulation techniques and applications
- Homeostasis and diabetes

Students successfully completing the course should acquire:

- Knowledge and understanding of biological principles and facts through independent and cooperative investigations and study
- An appreciation of the relevance of Biology for informed decision making on current issues

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Students must gain 14 credits or more in order to use Biology as a University Entrance entrance subject.

Assessment

AS91603 (R/W)	Demonstrate understanding of the responses of plants and animals to their external environment	External	5
AS91604 (R)	Demonstrate understanding of how an animal maintains a stable internal environment	Internal	3
AS91605 (R/W)	Demonstrate understanding of evolutionary processes leading to speciation	External	4
AS91606 (R/W)	Demonstrate understanding of trends in human evolution	External	4
AS91607 (R)	Demonstrate understanding of human manipulation of genetic transfer and its biological implications	Internal	3
Total Possible Credits			19

Scholarship in Biology

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will be required to analyse biological situations in terms of ecological, genetic and evolutionary principles and demonstrate integration of biological knowledge and skills to a high level.

Contact: Mr B Potter

Business

Qualification: NCEA Level 3

Students who take Business may also elect one, **but not both**, from either Accounting or Economics.

Entry Requirement

16 credits from Level 2 Business including 90848. and one external Level 2 Business Achievement Standard or subject to HOD approval. For those students who have not previously studied Business but who would like to enter at Level 3, credits obtained in another Social Science will be used as the basis for entry.

Introduction

The Level 3 Business Course allows students to analyse how and why New Zealand businesses, which operate in global markets, make operational and strategic decisions in response to interacting internal and external factors. The learning objective at this level is in the context of a New Zealand registered business connected to students' lives operating in global markets (exporters, importers, New Zealand owned multinationals). The business can be small, medium or large but should operate in the global market.

Students will need to demonstrate the essential skills of:

- Analysing real New Zealand business case studies and using these examples to support their reasoning throughout all written assessment tasks.
- Critical thinking and problem solving both collaboratively and independently.
- Building interpersonal skills with other students in the course and external global business stakeholders.

Assessment

AS91379 (R/W/N))	Demonstrate understanding of how internal factors interact within a business that operates in a global context.	External	4
AS91381 (R/W/N)	Apply business knowledge to address a complex problem (s) in a given global business context environment	External	4
AS91382 (R/N)	Develop a marketing plan for a new or existing product	Internal	6
AS91384 (N)	Carry out, with consultation, an innovative and sustainable business activity.	Internal	9
Total Possible Credits			23

A selection of the above Achievement Standards are offered in order to provide an opportunity for students to gain up to 19 Level 3 credits.

Contact: Mrs T Ramakers

Course Outline

The standards offered allow students to:

- Learn business knowledge, concepts and content related to quality management, innovation and change management.
- Explore a complex problem, its causes and effects, and apply business knowledge to provide a range of possible solutions and recommendations for the problem.
- Develop a marketing plan which will require - market research, a marketing strategy, marketing budget, contingency plan and implementation of the plan.
- Develop, carry out and evaluate an innovative, sustainable business activity
- Learn and use Maori culture and values used in business.

UE Approved

WThis subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

α-Chemistry (Alpha Chemistry)

Qualification: NCEA Level 3

Entry Requirement

A minimum of 12 credits in Level 2 Chemistry or Level 2 Alpha Chemistry. Students must have gained 2 external standards from Level 2 Chemistry AS91164 and AS91165. Attained Achieved or higher in AS91261 L2 Algebra. Students meeting entry requirements for L3 Chemistry course will not be considered for L3 Alpha Chemistry Course. Students must have attempted all Level 2 Chemistry papers in the NCEA examination.

Course Outline

An understanding of the behaviour of molecules on both microscopic and macroscopic levels. Included is sufficient laboratory work for the student to be competent in a variety of procedures and use of specialist chemical equipment.

Alpha Chemistry at Level 3 extends the work covered in the Level 2 course.

- **Thermochemical principles, bonding and structure** – The internal organisation of atoms and molecules and the patterns that occur. Using the patterns to predict chemical and physical behaviour of substances and the energy changes in a chemical reaction.
- **Organic Substances** – The chemistry of carbon compounds bonded to H, O, Cl and N
- **Redox** – The electron transfer processes in chemical reactions and the implications of these. The use of redox equations in electrochemical and electrolytic cells.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91391	Demonstrate understanding of the properties of organic compounds	External	5
AS91393	Demonstrate understanding of oxidation-reduction processes	Internal	3
AS91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	External	5
AS91388	Demonstrate understanding of spectroscopic data in chemistry	Internal	3
AS91389 (R/W)	Demonstrate understanding of Chemical processes in the world around us	Internal	3

Total Possible Credits 19

Scholarship in Chemistry

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will demonstrate the ability to integrate and apply chemical knowledge, principles and skills to a range of situations. These students will be selected on the basis of their Level 2 Chemistry grades or their Year 1 IB examinations.

Contact: Mr S Naidu

Chemistry

Qualification: NCEA Level 3

Entry Requirement

12 credits at Level 2 Chemistry. Students must have attained 2 of the external standards from AS91161, AS91165 OR AS91166 and have attained Achieved or higher in AS91261 L2 Algebra OR AS91267 L2 Statistics.

Students must have attempted all Level 2 Chemistry papers in the NCEA examinations.

Course Outline

An understanding of the behaviour of molecules on both microscopic and macroscopic levels. Included is sufficient laboratory work for the student to be competent in a variety of procedures and use of specialist chemical equipment. Chemistry at Level 3 extends the work covered in the Level 2 course.

- **Equilibrium in aqueous systems** - Comparing how different substances act in water in terms of their solubility and acid/base activity
- **Thermochemical principles, bonding and structure** - The internal organisation of atoms and molecules and the patterns that occur. Using the patterns to predict chemical and physical behaviour of substances and the energy changes in a chemical reaction
- **Organic Substances** - The chemistry of carbon compounds bonded to H, O, Cl and N
- **Redox** - The electron transfer processes in chemical reactions and the implications of these. The use of redox equations in electrochemical and electrolytic cells

UE Approved

This subject is an approved UE course of study. Standards marked with N can be used towards meeting UE Numeracy requirements.

Assessment

AS91391	Demonstrate understanding of the properties of organic compounds	External	5
AS91392 (N)	Demonstrate understanding of equilibrium principles in aqueous systems	External	5
AS91393	Demonstrate understanding of oxidation-reduction processes	Internal	3
AS91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	External	5
AS91388	Demonstrate understanding of spectroscopic data in chemistry	Internal	3
Total Possible Credits			21

Scholarship in Chemistry

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will demonstrate the ability to integrate and apply chemical knowledge, principles and skills to a range of situations. These students will be selected on the basis of their Level 2 Chemistry grades or their Year 1 IB examinations.

Contact: Mr S Naidu

Chinese

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Chinese (2 Internal and 1 External Reading or Listening).

Course Outline

Chinese is the most widely spoken language in the world. Because of the large, prosperous economy and the developing trading relationship with New Zealand, it is currently a relevant and very popular foreign language to learn. This Chinese course aims to give students an advantage in the increasingly competitive business world by further enhancing receptive and productive language skills in the target language, with particular emphasis on extending the repertoire of vocabulary and language features.

There is an emphasis on extending the range of language to enable students to explore ideas and perspectives, and justify ideas and connections between cultures.

UE Approved

This subject is an approved UE course of study. This emphasis enables students to explore ideas and perspectives, and justify ideas and connections between cultures.

Assessment

AS91533	Demonstrate understanding in Chinese on a variety of extended spoken texts	External	5
AS91534	Give a clear spoken presentation in Chinese that communicates a critical response to stimulus material	Internal	3
AS91535	Interact clearly using spoken Chinese to explore and justify varied ideas and perspectives in different situations	Internal	6
AS91536	Demonstrate understanding of a variety of extended written and / or visual Chinese texts.	External	5
AS91537	Write a variety of text types in Chinese to explore and justify varied ideas and perspectives	Internal	5
Total Possible Credits			24

Scholarship in Chinese

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will respond in speech and writing in Chinese to complex written and spoken stimulus material in Japanese, manipulating language in an impromptu context.

Contact: Ms T Yan

Christian Education (Compulsory)

Introduction

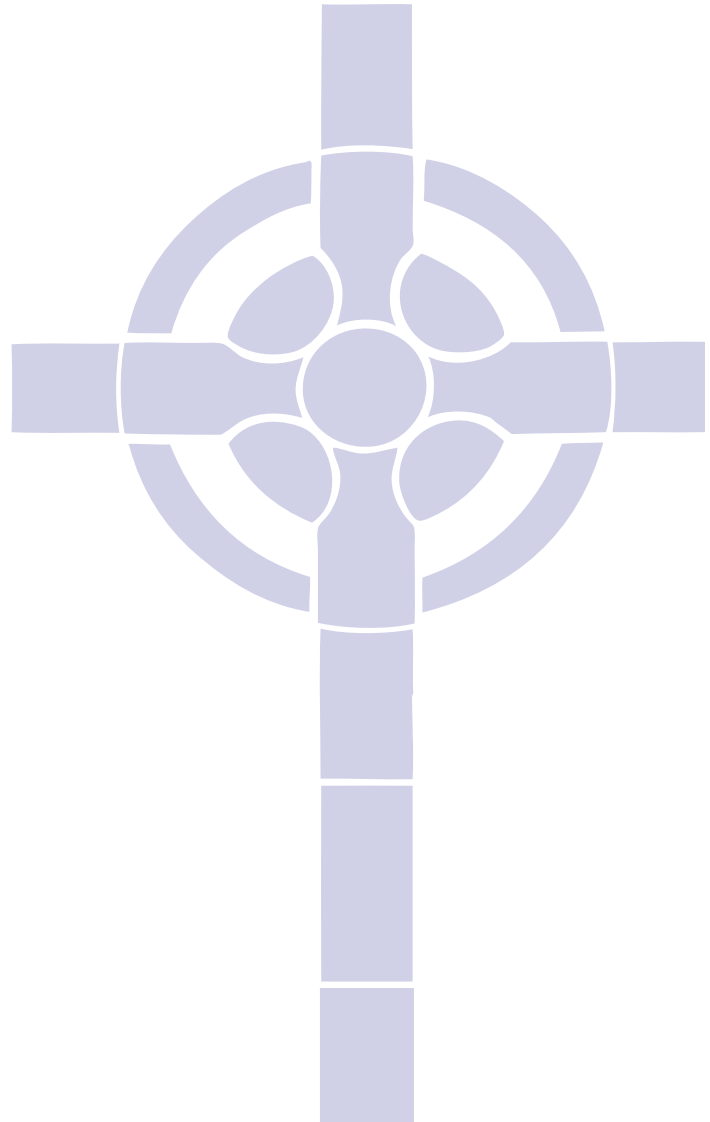
Christian values are an intrinsic part of the special character of Saint Kentigern College and all Year 13 students take Christian Education. The Christian Education Department is constantly evolving its programmes to ensure that they are interesting, relevant and challenging for our students in their development as young men and women on their faith journeys - whatever they perceive that to be. In the Senior College, a wide range of relevant and contemporary resources are used in what is generally an informal, discussion-based, non-assessed theological and philosophical exploration of issues of Christian life and faith.

Course Outline

The aim of the Year 13 course is to further build upon and enhance students' awareness and understanding of the Judeo/Christian view of life and living, to equip them to interface with the world outside the constraints and special nature of the Saint Kentigern College community. With the Ten Commandments as the scriptural basis, the special character of Saint Kentigern College as the context, and supported by a wide range of contemporary resources, students will be encouraged to participate in an in-depth exploration of morality, conscience and, more specifically, issues of morality that will impact upon students' lives at some point.

Assessment

There is no formal assessment for this course.



Classical Studies

Qualification: NCEA Level 3

Entry Requirement

Students should have achieved 16 credits in Level 2 Classical Studies.

Prior study of Classical Studies is not a requirement but is an advantage. For those that have not studied Level 2 Classical Studies acceptance is based upon 16 Level 2 English Achievement Standard credits. Level 2 History results will also be taken into account. Students who do not meet these requirements may be admitted with the approval of the Head of Classical Studies.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Course Outline

- **Aeneid** - examination of the ideas and values of Roman society as evidenced through Virgil's Aeneid
- **Roman Art and Architecture** - analysis of the significant works of art in ancient Rome, the purpose and context behind the works and their aesthetic qualities
- **Augustan Culture** - evaluation of the propaganda during Augustus' reign and the effect of literature, architecture and artwork in influencing the people of Rome.

Assessment

AS91394 (R/W)	Analyse ideas and values of the classical world	External	4
AS91395 (R/W)	Analyse the significance of a work(s) of art in the classical world	External	4
AS91397 (R)	Demonstrate understanding of significant ideology(ies) in the classical world	Internal	6
AS91398 (R)	Demonstrate understanding of the lasting influences of the classical world and other cultures	Internal	6
Total Possible Credits			22

Optional Achievement Standard Available (with HOD Approval)

AS91396 (R/W)	Analyse the impact of a significant historical figure in the classical world	External	6
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Scholarship in Classical Studies

Students who enter Scholarship are required to demonstrate high level critical thinking. They will critically evaluate aspects of the culture of the classical world demonstrating analytical perception as well as their depth and breadth of knowledge. They must be able to communicate ideas effectively in essay format.

Computer Science

Qualification: NCEA Level 3

Entry Requirement

13 credits in Level 2 Computer Science.

Course Outline

Level 3 Computer Science is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of digital outcomes. Level 3 is a demanding and independent course that allows students to pursue on authentic needs and opportunities in the fields of complex programming and UX development. It has been developed with leading tertiary providers to ensure students are well prepared for future study and the industry. Projects could include skills such as; agile project management to drive the research and development of self-selected projects, critique practices to develop fluent presentation and idea defense during development, and the application of creative and logical reasoning to develop relevant and innovative digital products suitable for contemporary industry.

Assessment

AS91903	Use complex techniques to develop a digital media outcome	Internal	4
AS91906	Use complex programming techniques to develop a computer programme	Internal	6
AS91907	Use complex processes to develop a digital technologies outcome	Internal	6
AS91909 (N)	Present a reflective analysis of developing a digital outcome	External	3

Total Possible Credits **19**

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology.

NCEA Scholarship Technology

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student is required to present a convincing reflective academic report based on the development of their technological outcome.

Specialist areas that would be beneficial to study in support to Computer Science at Level 3 would be Visual Art - Design, Visual Art - Photography, Animation and Motion Graphics and Spatial Design.

Additional Course Costs & Special Requirements

Students must have a laptop computer that meets the following requirements:

- The ability to run the Adobe Suite software - 16GB RAM is recommended.
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

UE Approved and Future Pathways

This specialist area is a Level 3 approved UE course and leads to multiple tertiary pathways including Digital Design, Game Design and Development, Communication Design and Industrial Design. Standard marked with N can be used towards meeting UE Numeracy requirements.

Dance

Qualification: NCEA Level 3

Entry Requirement

Level 2 Dance including a minimum of 4 internal and 4 external credits.

Students who have not studied Level 2 Dance may be admitted with the approval of the Head of Dance.

Course Outline

Dance at Level 3 is a continuation of the skills developed in Level 2.

This includes being able to:

- Produce a dance for performance
- Perform a solo or duet dance work to an audience
- Perform a choreographed dance work to an audience
- Critically analyse dance performances

Extension Dance

Extension Dance is an accelerated class for students that show being capable of achieving at a level above their year group. Entry into Extension classes are by invitation only by the HOD and is dependent on timetable constraints and subjects selected. Year 13 Extensions students will receive an extra four periods over the 7 day cycle, these will take place during the timetabled study periods. All students who are part of the Extension classes are invited to sit the NZQA Scholarship examination in Term 4.

UE Approved

This subject is an approved UE course of study. Standard marked W can be counted as Writing credits for UE Literacy.

Assessment

AS91588	Produce a dance to realise a concept	Internal	8
AS91589	Choreograph a dance to develop and resolve ideas	Internal	4
AS91590	Perform a solo or duet dance	Internal	4
AS91591	Perform a group dance	Internal	4
AS91592	Perform a repertoire of contrasting dances	Internal	6
AS91593	Demonstrate understanding of dance performance practices	Internal	6
AS91594 (W)	Analyse a dance performance	External	4
Total Possible Credits up to			24

Scholarship in Dance

Students who enter Scholarship are required to demonstrate high level critical thinking. They will critically evaluate aspects of the culture of the classical world demonstrating analytical perception as well as their depth and breadth of knowledge. They must be able to communicate ideas effectively in essay format.

Drama

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Drama including 4 external credits.

Students who have not studied Level 2 Drama but who have substantial drama experience may be accepted with the agreement of the Head of Drama.

Course Outline

Level 3 Drama demands a far higher level of skills than required at Level 2 including written analysis and research. This course will develop the ability to analyse texts from a theatrical viewpoint. Students will devise and perform substantial acting roles to an invited audience.

Students may choose an individual course up to a total of 18 credits. This allows them to focus on production, performance, technical drama or a combination of the three. Selections should be made in consultation with the Head of Drama.

Extension Drama

Extension Drama is a separate subject for an accelerated class of students that show they are capable of achieving at a level above their year group. Entry into Extension classes is by application only to the HOD and is dependent on timetable constraints and subjects selected. Year 13 Extension students receive an extra four periods over the 7-day cycle which will take place during the timetabled study periods. All students who are part of the Extension classes are invited to sit the NZQA Scholarship examination in Term 4.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

Performance Standards (UE Approved)

AS91513	Devise and perform a drama to realise a concept	Internal	5
AS91515 (R)	Select and use complex performance skills associated with a drama form or period	Internal	4
AS91517 (R)	Perform a substantial acting role in a significant production	Internal	5
AS91518 (W)	Demonstrate understanding of live drama performance	External	4
Total Possible Credits Up to			18

Production & Technical Standards (Not UE Approved) (optional)

US28002	Research, develop and visually communicate a costume design concept for a given work	Internal	6
US28003	Research, develop and apply a stage lighting design concept For a given work	Internal	6
US28004	Research, develop and visually communicate and apply a make up design concept for a given work	Internal	6
US28005	Stage manage a production	Internal	6
US28006	Research, develop and visually communicate a set design concept for a given work	Internal	6
Total Possible Credits Up to			18

Scholarship in Drama

Students who enter Scholarship are required to demonstrate higher level critical thinking and acting ability. A student will use wide knowledge, experience and critical analysis of drama processes, texts and theories to perform and justify challenging and creative drama works.

Contact: Mrs J Acheson

Economics

Qualification: NCEA Level 3

Entry Requirement

16 credits from Level 2 Economics.

Recommended co-requisites are Level 3 English and Level 3 Mathematics with Calculus or Mathematics with Statistics.

Course Outline

Level 3 Economics aims to build on Micro-economic and Macro-economic content developed in Level 1 and 2 Economics. Technical skills necessary for University Economics will be introduced and applied to contemporary issues in the New Zealand economy.

This course is structured into three sections; students will examine resource allocation via the private sector – determining the success of the market system. Secondly, students will examine market failure and look at resource allocation via the public sector. Finally, students will as an optional online course revisit the aggregate economy and look at the effect of government decisions on the economy as a whole.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91399 (R/W)	Demonstrate understanding of the efficiency of market equilibrium	External	4
AS91400 (R/W)	Demonstrate understanding of the efficiency of different market structures using marginal analysis	External	4
AS91401 (R)	Demonstrate understanding of micro-economic concepts	Internal	5
AS91402 (R)	Demonstrate understanding of government interventions to correct market failure	Internal	5
Total Possible Credits			18
Optional Achievement Standard Available (with HOD Approval)			
AS91403 (R/W)	Demonstrate understanding of influences on the New Zealand economy	External	6

Scholarship in Economics

Students who enter Scholarship are required to demonstrate higher level critical thinking .The student will produce a sophisticated economic analysis in a contemporary NZ context. A sound understanding of mathematical concepts is essential for study at this level.

English

Qualification: NCEA Level 3

Entry Requirement

17 credits in Level 2 English or Level 2 English Alternate

The credits may be accumulated from the English Achievement Standards, Internal or External. Students should have the Literacy standards needed for entry to any New Zealand University before entering Level 3 English.

Introduction

This traditional English course is developed for students who are considering further study in Arts subjects at University with one Achievement Standard focusing on research skills and working with secondary sources.

Course Outline

The Level 3 English course comprises a study of language and literature, including:

- Comprehension and criticism of prose and verse passages.
- Study of several works of literature in the genres of prose, drama, poetry, film or non-fiction.
- A writing portfolio built around an idea/issue.

UE Approved

Level 3 English will enable students to obtain sufficient literacy credits to fulfil University entry requirements.

Assessment

AS91472 (R/W)	Respond critically to specified aspect(s) of studied written texts, supported by evidence	External	4
AS91473 (W)	Respond critically to specified aspect(s) of studied visual texts, supported by evidence	External	4
AS91475 (W)	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	Internal	6
AS91479 (R)	Develop an informed understanding of literature and /or language using critical texts	Internal	4
Total Possible Credits			18
Optional Achievement Standard Available (with HOD Approval)			
AS91474 (R/W)	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	External	4
AS91476	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	Internal	3
AS91477	Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language	Internal	3

Scholarship in English

Students who enter Scholarship are required to demonstrate higher level critical thinking. They can select either English or the English Visual course to study during the year. The student will respond critically to demanding texts by means of extended, coherent and informed argument.

Contact for Year 13 English: Ms J Rowe

Contact for Year 13 Scholarship English: Ms J Wordsworth

English - Visual Language

Qualification: NCEA Level 3

Entry Requirement

17 credits in Level 2 English or Level 2 English Alternate.

The credits may be accumulated from the English Achievement Standards, internal or external. Students should have the Literacy standards needed for entry to any New Zealand University before entering Level 3 English.

Introduction

The English Visual Language course has been developed for students who wish to develop the skills of making and creating meaning from visual and written texts they study.

Course Outline

The Level 3 English Visual Language course comprises a study of language and literature, including:

- Comprehension and criticism of prose and visual texts
- Developing a visual text as a means of showing understanding of a text
- Study of visual genres, their conventions and development

UE Approved

The Level 3 English Visual Language course will enable students to obtain sufficient literacy credits to fulfil University entry requirements.

Assessment

AS91473 (W)	Respond critically to specified aspect(s) of studied visual texts, supported by evidence	External	4
AS91477	Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language	Internal	3
AS91478	Respond critically to significant connections across texts, supported by evidence	Internal	4
AS91479 (R)	Develop an informed understanding of literature or language using critical texts	Internal	4
AS91480	Respond critically to significant aspects of visual and/or oral texts through close reading, supported by evidence	Internal	3
Total Possible Credits			18
Optional Achievement Standard Available (with HOD Approval)			
AS91472 (R/W)	Respond critically to specified aspect (s) of studies written texts, supported by evidence	Internal	4
AS91476	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	Internal	3

Scholarship in English

Students who enter Scholarship are required to demonstrate higher level critical thinking. They can select either English or the English Visual course to study during the year. The student will respond critically to demanding texts by means of extended, coherent and informed argument.

Contact for Year 13 English: Ms J Rowe

Contact for Year 13 Scholarship English: Ms J Wordsworth

Fashion and Textiles Design

Qualification: NCEA Level 3

Entry Requirement

12 credits or more in Level 2 Fashion and Textiles Design.

Course Outline

Level 3 Fashion and Textiles Design is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of fashion, textile and soft materials design. Level 3 is a specialised course that aims to enable students to be able to design in the real world. It has been developed with leading tertiary providers to ensure students are well prepared for future study and the industry. Projects may develop skills such as; the ability to defend design decisions through critique and exhibition, the application of personal design voice to a multi-stage brief, complex idea generating and communicating, complex technical techniques across a range of materials and contexts, professional fashion photography presentation of outcomes to an audience.

Specialist areas that would be beneficial to study in support to Fashion and Textiles Design at Level 3 would be Visual Art - Photography, Visual Art - Design, Product Design and Visual Art - Sculpture

Additional Course Costs & Special Requirements

- Students are required to supply their own fabric and patterns
- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

UE Approved and Future Pathways

This specialist area is a Level 3 approved UE course and leads to multiple tertiary pathways including Product Design, Industrial Design, Fine Arts and Fashion and Textile Design.

Assessment

AS91621	Implement complex procedures using textile materials to make a specified product	Internal	6
AS91623	Implement complex procedures to create an applied design for a specified product	Internal	4
AS91627	Initiate design ideas through exploration	External	4
Total Possible Credits			14

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as a formal academic report and/or a portfolio.

NCEA Scholarship Technology

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student is required to present a convincing reflective academic report based on the development of their technological outcome.

Contact: Ms M Aitken

Financial Literacy

Qualification: NCEA Level 3

Entry Requirement

This is an open entry course, subject to approval from the Head of Commerce.

Introduction

Financial Literacy offers students the opportunity to complete Level 3 Unit Standards in a variety of topics related to personal financial literacy.

The aim of this course is to increase student awareness of financial literacy in order to promote sound financial decision making.

Course Outline

The topics covered in this course include:

- Personal income and taxation responsibilities
- Different forms of credit
- Risk, return and diversification in personal financial management
- Basic employers and employees rights and responsibilities in the workplace
- Income and its impact on government benefit entitlements.

UE Approved

Financial Literacy is not a University approved subject. A subject endorsement is not available in Financial Literacy.

Assessment

US3491	Write a report	Internal	4
US28098	Evaluate options to increase personal income	Internal	3
US28099	Analyse and compare credit options and recommend strategies to manage personal finances	Internal	3
US28102	Risk, return and portfolio investment	Internal	4
US28103	Analyse and select personal house financing and purchasing options	Internal	3
Total Possible Credits			17

Food Technology

Qualification: NCEA Level 3

Entry Requirement

14 credits or more in Level 2 Food Technology

Course Outline

Level 3 Food Technology is designed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within the context of culinary design. Level 3 is a demanding course that aims to extend the skills built in Level 2 Food Technology into more advanced and independent outcome development. Students will be encouraged to synthesise all of the skills from previous years to engage with a real need or opportunity and solve the problems these design briefs will uncover. Projects at this year may develop skills such as; industry standard food handling practices, authentic product development for a specified market, project management protocols to guide practice, undertake complex technical procedures to test and refine ideas and the ability to participate in group critique to strengthen design ideas and decisions. This course offers some further optional industry-recognised Unit Standard assessment opportunities for students who have an interest in this area.

Additional Course Costs & Special Requirements

Items below are purchased through the Technology department

- Service IQ Unit Standard Assessment - \$15
- Individual course projects may incur additional costs depending on the nature of their outcomes and resources required

UE Approved and Future Pathways

This specialist area is a Level 3 approved UE course and leads to multiple tertiary pathways including Food Technology, Food Science, and Nutrition. Standards marked (R) can be counted as reading credits for UE Literacy.

Assessment

AS91611	Develop a prototype considering fitness for purpose in the broadest sense	Internal	6
AS91613 (R)	Demonstrate understanding of material development	External	4
AS91643	Implement complex procedures to make a specified product	Internal	6
US168	Demonstrate knowledge of food contamination hazards and control methods used in a food establishment	Internal	4
Total Possible Credits			20

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as a formal academic report and/or a portfolio.

NCEA Scholarship Technology

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student is required to present a convincing reflective academic report based on the development of their technological outcome.

Contact: Ms Aitken

French

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 French (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 3 French course further develops and consolidates receptive and productive language skills in the target language. There is an emphasis on extending the range of language to enable students to explore ideas and perspectives, and justify ideas and connections between cultures.

UE Approved

This subject is an approved UE course of study.

Assessment

AS91543	Demonstrate understanding in French on a variety of extended spoken texts	External	5
AS91544	Give a clear spoken presentation in French that communicates a critical response to stimulus material	Internal	3
AS91546	Demonstrate understanding of a variety of extended written and / or visual French texts	External	5
AS91547	Write a variety of text types in French to explore and justify varied ideas and perspectives	Internal	5
Total Possible Credits			18

Scholarship in French

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will respond in speech and writing in French to complex written and spoken stimulus material in French, manipulating language in an impromptu context.

Geography

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Geography including an Achieved or higher in the external AS91240.

Students who have not previously studied Geography but who wish to enter at Level 3 are recommended to enrol in Level 3 Core Geography. Academically able students may be able to enrol in this course following an application for consideration by the Head of Geography.

Introduction

Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills and understandings of the physical and social sciences. It fosters a curiosity about place and space and provokes questions about natural and cultural environments and their interconnectedness.

Course Outline

The Level 3 Geography course involves the detailed study of topics including:

- Interacting natural processes – an in-depth examination of Muriwai Beach
- The cultural process of Tourism development
- A study of global patterns such as coral reefs, El Nino, diamonds and/or piracy.
- Geographic issues – their problems and solutions
- Conducting geographic fieldwork

Additional Course Costs & Special Requirements

Field trips are part of the Geography course. There are additional costs associated with these.

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91426 (R/W)	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	External	4
AS91427 (R/W)	Demonstrate understanding of how a cultural process shapes geographic environment(s)	External	4
AS91430	Conduct geographic research with consultation	Internal	5
AS91431 (R)	Analyse aspects of a contemporary geographic issue	Internal	3
AS91432 (R)	Analyse aspects of a geographic topic at a global scale	Internal	3

Total Possible Credits 19

Scholarship in Geography

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will critically analyse a geographic context, and transfer and apply geographic concepts and understanding in essay format.

Contact: Mr C Martin

Geography - Core

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Geography. Students who have not studied Geography before and require an introduction to the subject should apply to the Head of Geography for entrance into this course.

Introduction

Core Geography provides a valuable introduction to a wide range of geographic topics on both local and global scales. This course is designed for those new to geography and/or those who would prefer to undertake more internal assessment during the course of the year with a reduced external examination programme.

UE Approved

If all standards are achieved, this course will count towards University entrance. Standards marked R can be counted as Reading credits for UE Literacy.

Course Outline

The Level 3 Core Geography course includes the detailed study of topics including:

- A study of global patterns, such as El Nino, coral reefs, diamonds and/or piracy.
- A study of geographic issues, their problems and solutions
- A study of major events and festivals from a geographic perspective
- Conducting geographic field work

Additional Course Costs & Special Requirements

Field trips are part of the Geography course. There are additional costs associated with these.

Assessment

AS91428 (R)	Analyse a significant contemporary event from a geographic perspective	Internal	3
AS91430	Conduct geographic research with consultation	Internal	5
AS91431 (R)	Analyse aspects of contemporary geographic issue	Internal	3
AS91432 (R)	Analyse aspects of a geographic topic at a global scale	Internal	3
Total Possible Credits			14

History

Qualification: NCEA Level 3

Entry Requirement

13 credits or more in Level 2 History (this must include AS91233).
Students who have not previously studied History should seek advice and permission from the Head of History.

Course Outline

History at Level 3 continues to build on the historical skills developed at Levels 1 and 2. The course involves detailed study of:

- Struggle and Discontent - NZ
- American Civil War

UE Approved

This subject is an approved UE course of study. Standards marked (R/W) can be counted as either Reading OR Writing credits for UE Literacy.

Assessment

AS91434 (R)	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	Internal	5
AS91435 (R)	Analyse an historical event, or place, of significance to New Zealanders	Internal	5
AS91436 (R/W)	Analyse evidence relating to an historical event of significance to New Zealanders	External	4
AS91438 (R/W)	Analyse the causes and consequences of a significant historical event	External	6
Total Possible Credits			20

Scholarship in History

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will establish valid judgements about historical research and the nature of evidence. They must be able to communicate a substantiated argument that critically evaluates historical narratives, establishes historical relationships, synthesises relevant ideas and demonstrates an understanding of the scope of historical contexts.

Contact: Mrs B Anitele’a

Japanese

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Japanese (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 3 Japanese course further develops and consolidates receptive and productive language skills in the target language. There is an emphasis on extending the range of language to enable students to explore ideas and perspectives, and justify ideas and connections between cultures.

UE Approved

This subject is an approved UE course of study.

Assessment

AS91553	Demonstrate understanding in Japanese on a variety of extended spoken texts	External	5
AS91554	Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	Internal	3
AS91556	Demonstrate understanding of a variety of extended written and / or visual Japanese texts	External	5
AS91557	Write a variety of text types in Japanese to explore and justify varied ideas and perspectives	Internal	5
Total Possible Credits			18

Scholarship in Japanese

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will respond in speech and writing in Japanese to complex written and spoken stimulus material in Japanese, manipulating language in an impromptu context.

Contact: Mrs C Leishman

Latin

Qualification: NCEA Level 3

Entry Requirement

15 credits in Level 2 Latin.

Course Outline

- Latin at Level 3 is designed to further extend students' confidence and competence in the translation and comprehension of Latin Prose and Poetry
- Increase the ease with which they can understand and employ the forms of Latin words and grammatical constructions in very complex sentence patterns
- Broaden their understanding of the Classical authors and poets of Ancient Rome.

By the end of the year students will be able to:

- Translate very complex passages of Latin Prose and Poetry
- Answer questions on the structure of the language
- Have a sound working knowledge of Roman Classical authors and poets
- Discuss the themes and structures of Roman literature they have studied
- Demonstrate their command of an extensive vocabulary.

UE Approved

This subject is an approved UE course of study. Standard marked R can be counted as Reading credits for UE Literacy.

Assessment

AS91506	Translate authentic Latin text into English demonstrating understanding	External	6
AS91507	Analyse authentic Latin text demonstrating understanding	External	5
AS91508 (R)	Analyse studied Latin literary text(s)	Internal	6
AS91511	Write complex Latin sentences that demonstrate understanding of Latin	Internal	3
Total Possible Credits			20

Scholarship in Latin

Students who enter Scholarship are required to demonstrate higher level critical thinking. Students will be required to translate with a high degree of accuracy and fluency, demonstrating an exceptional level of critical appreciation of language, style and context.

Contact: Mr M Clyne

Mathematics

Qualification: NCEA Level 3

Entry Requirement

12 or more credits at Level 2 Mathematics.

Course Outline

Mathematics at Level 3 draws Achievement Standards from both Statistics and Calculus.

All Achievement Standards are internally assessed and therefore no endorsement is available. Students are unable to take this Mathematics course in combination with another Level 3 Mathematics course.

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91574 (N)	Apply linear programming methods in solving problems	Internal	3
AS91581 (N)	Investigate bivariate measurement data	Internal	4
AS91582 (N)	Use statistical methods to make a formal inference	Internal	4
AS91586 (N)	Apply probability concepts in solving problems	External	4
AS91587 (N)	Apply systems of simultaneous equations in solving problems	Internal	3
Total Possible Credits			18

(Mathematics) Calculus

Qualification: NCEA Level 3

Entry Requirement

14 credits or more in Mathematics for Calculus including Merit or higher in both Achievement Standards AS91261 Algebra and AS91262 Calculus.

Course Outline

Advanced algebraic processes including complex numbers

- Calculus including both differentiation and integration
- Trigonometry including multiple angle formulae
- Problem solving and practical applications
- Solving systems of linear equations with three unknowns

Students are expected to develop Calculus skills over a wide variety of functions. The nature of mathematical reasoning and presentation of a logical argument, together with competence in basic algebraic, graphical and computational skills will be extended in this course.

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91575 (N)	Apply Trigonometric methods in solving problems	Internal	4
AS91578 (N)	Apply differentiation methods in solving problems	External	6
AS91579 (N)	Apply integration methods in solving problems	External	6
AS91587 (N)	Apply systems of simultaneous equations in solving problems	Internal	3
Total Possible Credits			19
Optional:			
AS91577 (N)	Apply the algebra of complex numbers in solving problems	External	5

Scholarship in Mathematics with Calculus

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will use combinations of techniques and concepts from calculus, algebra, trigonometry, and geometry to solve complex problems in unfamiliar contexts.

(Mathematics) Statistics

Qualification: NCEA Level 3

Entry Requirement

At least 14 credits including a Merit Endorsement for NCEA Level 2 Mathematics with Calculus or for students who studied Mathematics for Statistics at least 14 credits including Merit or higher in either of the following Achievement Standards - AS91264 Statistics Inference, AS91267 Probability.

Course Outline

- Probability theory including the normal, binomial and Poisson distributions
- Statistical enquiry process

- Analysis of sample data with the central limit theorem and confidence intervals using re-sampling
- Descriptive statistics and graphical interpretation of data.

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91574 (N)	Apply linear programming methods in solving problems	Internal	3
AS91581 (N)	Investigate bivariate measurement data	Internal	4
AS91582 (N)	Use statistical methods to make a formal inference	Internal	4
AS91585 (N)	Apply probability concepts in solving problems	External	4
AS91586 (N)	Apply probability distributions in solving problems	External	4
Total Possible Credits			19

Media in Society

Qualification: NCEA Level 3

Entry Requirement

16 credits in Level 2 Media in Society.

Any student who does not meet this criteria may be admitted upon agreement by the Head of Media in Society.

Course Outline

This course has a natural follow on from Level 2 Media in Society. In particular, there is a greater focus on the broader impact of the media on society as we move to a more globalised, media-saturated world. With sociology as more of a focus, issues such as race and gender are explored through the current media landscape.

The practical assessment is the creation of a short film which may be selected to showcase at the College ‘Kents Film Festival’ later in the year.

Additional Course Costs & Special Requirements

- SD card (camera memory card) minimum 8GB

UE Approved

This subject is an approved UE course of study. Standards marked R and W can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91491	Demonstrate understanding of the meaning of a media text through different readings	Internal	3
AS91493 (R/W)	Demonstrate understanding of a relationship between a media genre and society	External	4
AS91494	Produce a design for a media product that meets the requirements of a brief	Internal	4
AS91495	Produce a media product to meet the requirements of a brief	Internal	6
AS91497 (W)	Write a media text to meet the requirements of a brief	Internal	3
Total Possible Credits			20

Scholarship in Media in Society

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will demonstrate a comprehensive understanding of media theory and practice through the analysis of texts, processes and issues. Students are expected to complete standard AS91496 worth 4 credits.

Contact: Ms N Henderson

Music

Qualification: NCEA Level 3

Entry Requirement

Achievement in at least 20 credits in Level 2 Music.

Students who have not completed Level 2 Music can enter Level 3 Music at the discretion of the Head of Music. In these cases proof of experience in practical and theoretical music study is mandatory.

Course Outline

Music at Level 3 focuses on an intensive study of music from the perspective of practical music and/or music studies. Skills are further developed in solo and group performance, composition, aural and score reading, and the study of musical works.

Students should be practising musicians and are expected to participate in College music groups. Students choose an individual course from a total of 50 credits.

This allows them to specialise in practical music, music studies or a combination of both. The balance of the course is chosen from a wide range of practical music and music studies standards.

UE Approved

This subject is an approved UE course of study. Standards marked (R) and (W) can be counted as Reading and Writing credits for UE Literacy.

Assessment

AS91416	Perform two programmes of music as a featured soloist	Internal	8
AS91418	Demonstrate ensemble skills by performing two substantial pieces as a member of a group	Internal	4
AS91419	Communicate musical intention by composing three original pieces of music	Internal	8
AS91422	Analyse a substantial music work	Internal	4
AS91423 (R/W)	Examine the influence of context on a substantial music work	External	4
Total Possible Credits Up to			28

Scholarship in Music

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will apply knowledge, skills and understanding to a variety of music contexts. In Music, Scholarship is available in three specialisations: Composition, Performance or Analysis. All candidates write an external examination and submit a portfolio in their area of specialisation.

Outdoor Education

Qualification: NCEA Level 3

Entry Requirement

16 credits in Level 2 Outdoor Education including Merit or higher in AS91334 and Achieved or higher in AS91331.

Students will not be permitted to take Level 3 Physical Education as well as Level 3 Outdoor Education.

Introduction

The Level 3 course extends the knowledge and skill base developed in Level 2 Outdoor Education.

As a key area of learning within the Health and Physical Education Curriculum, Outdoor Education provides students with opportunities through Achievement Standards to develop personal and social skills such as decision making, leadership and confidence through challenge based activities and achievements. Students will become actively knowledgeable, safe and skilled in the outdoors, with care for the environment a paramount focus.

Course Outline

- To provide opportunity for personal development through the adventure and challenge of outdoor pursuits
- To develop the initiative and leadership skills of accepting responsibility, coping with adversity and decision making
- To provide opportunities for social development, caring cooperation and acceptance of individual differences through shared experiences and communal living

- To develop the skills for living and moving safely in a variety of settings and the ability to cope with an emergency
- To gain experience in a wide range of outdoor activities and to extend their competence in one or more
- To examine the concept of outdoor education as a worthwhile, lifelong interest and its potential for employment.

Additional Course Costs & Special Requirements

Approximate additional cost of \$1,200.00. This covers the costs associated with professional providers and field trips. Optional trips are offered at additional costs.

Modules Include:

- Working with special needs unit
- Crankworx Festival
- Mountain Biking
- Scuba Diving (Rescue Diver, may incur additional cost)
- Overnight Tramping
- Whitewater Rafting
- Mountaineering Skills
- Snowboarding / Skiing

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements and standards marked (R) can be counted as Reading credits for UE Literacy.

Assessment

AS90742	Demonstrate quality performance of a physical activity in an applied setting	Internal	4
AS91498 (N)	Evaluate physical activity experiences and devise strategies for lifelong well being	Internal	4
AS91502 (R)	Examine a current physical activity event, trend or issue impacting on New Zealand society	Internal	4
AS91503 (N)	Evaluate the use of health promotion to influence participation in physical activity	Internal	5
AS91504 (R)	Analyse issues in safety management strategies	Internal	3

Total Possible Credits 20

Contact: Miss K Wards

Physical Education

Qualification: NCEA Level 3

Entry Requirement

16 credits in Level 2 Physical Education including Achieved or higher in Achievement Standards AS91328 (2.2) and AS91331 (2.5).

Students are unable to study both Level 3 Physical Education and Level 3 Outdoor Education.

Course Outline

The Level 3 course extends the knowledge and skill base developed in Level 2 Physical Education.

At Level 3, the course has an emphasis on the students' own planning and application of knowledge, critical thinking and analysis, and the appraisal and performance of physical skills.

Modules Include

- Biomechanics – Identifying key anatomical movements and how to improve their personal skill levels.

- Training principles – using badminton as the medium, students identify how to improve their skill level using a range of principles of training
- Sociology – examination of a current physical activity event, trend or issue and its impact on New Zealand society
- Physical Activity – Examine experiences and their influence on well-being.
- Practical experiences include fitness, badminton and other modified games.

Additional Course Costs & Special Requirements

Approximate cost of \$200.00

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements and standards marked (R) can be counted towards Reading credits for UE Literacy.

Assessment

AS91498 (N)	Evaluate physical activity experiences to devise strategies for lifelong well-being	Internal	4
AS91500 (N/R)	Evaluate the effectiveness of a performance improvement programme	Internal	4
AS91501 (N)	Demonstrate quality performance of a physical activity in an applied setting	Internal	4
AS91502 (R)	Examine a current physical activity event, trend or issue impacting on New Zealand society	Internal	4
AS91789	Devise strategies for a physical activity outcome	Internal	4
Total Possible Credits			20

Scholarship in Physical Education

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will critically evaluate information related to physical activity through the application of knowledge of biophysical principles and socio-cultural factors drawn from learning experiences in, through, and about movement.

Contact: Mr D Gundersen

Physics

Qualification: NCEA Level 3

Entry Requirement

12 credits in Level 2 NCEA Physics or Level 2 Physics - Calculus based.

Students may enter only one Physics course at Level 3.

Introduction

This course is designed for students with a real interest in the physical world around them and who are considering further study at a tertiary institution in courses where Physics is a recommended or required subject **e.g. Medicine, Architecture etc** . Students will further develop the algebraic skills required to solve complex Physics problems. The successful completion of this course will fulfil the entry requirements in Physics for most courses at a tertiary institution **except for** Engineering at the University of Auckland.

Course Outline

Students will:

- Investigate physical phenomena in the areas of mechanics, electricity, electromagnetism, heat, light and waves, atomic and nuclear physics and produce qualitative and quantitative explanations for a variety of complex situations
- Analyse and evaluate data to deduce complex trends and relationships in physical phenomena
- Use physics ideas to explain a technological, biological or astronomical application of physics and discuss related issues

Additional Course Costs & Special Requirements

- Transport and entry fee for the Field trip to Rainbow's End
- Physics workbook

UE Approved

This subject is an approved UE course of study. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91522 (N)	Demonstrate understanding of the application of physics to a selected context	Internal	3
AS91523 (N)	Demonstrate understanding of wave systems	External	4
AS91524 (N)	Demonstrate understanding of mechanical systems	External	6
AS91525 (N)	Demonstrate understanding of Modern Physics	Internal	3
AS91527 (N)	Use Physics knowledge to develop an informed response to a socio-scientific issue (OPTIONAL)	Internal	3
Total Possible Credits			19

Scholarship in Physics

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will abstract relevant information from physical situations in order to solve complex problems and give clear explanations or analyses.

Contact: Mr J Naude

Physics - Calculus-Based

Qualification: NCEA Level 3

Entry Requirement

15 credits in NCEA Level 2 Physics - Calculus based.

Students must also be studying NCEA Level 3 Mathematics with Calculus.

Introduction

This course is designed for students with a real interest in the physical world around them, who are competent in Calculus and are considering further study at a tertiary institution where entry into the course requires both Physics and Calculus e.g. Engineering. The successful completion of this course will fulfil the entry requirements in Physics for most courses at a tertiary institution **including** Engineering at the University of Auckland.

Course Outline

Students will:

- Investigate physical phenomena in the areas of mechanics, electricity, electromagnetism, heat, light and waves, atomic and nuclear physics and produce qualitative and quantitative explanations for a variety of complex situations
- Analyse and evaluate data to deduce complex trends and relationships in physical phenomena
- Use physics ideas to explain a technological, biological or astronomical application of physics and discuss related issues

Additional Course Costs & Special Requirements

- Transport and entry fee for the Field trip to Rainbow's End
- Physics workbook

UE Approved

This subject is an approved UE Course of Study. Standards marked (N) can be used towards meeting UE Numeracy requirements.

Assessment

AS91522 (N)	Demonstrate understanding of the application of physics to a selected context (OPTIONAL)	Internal	3
AS91523 (N)	Demonstrate understanding of wave systems	External	4
AS91524 (N)	Demonstrate understanding of mechanical systems	External	6
AS91525 (N)	Demonstrate understanding of Modern Physics	Internal	3
AS91526 (N)	Demonstrate understanding of electrical systems	External	6
Total Possible Credits			22

Scholarship in Physics

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will abstract relevant information from physical situations in order to solve complex problems and give clear explanations or analyses.

Contact: Mr J Naude

Product Design

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Product Design. 16 Unit Standard Credits from Level 2.

Course Outline

Level 3 Product Design has been developed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the design of authentic and contemporary products within a chosen context.

Level 3 is a demanding and independent course that allows students to pursue authentic needs and opportunities in the fields of product design. It has been developed with leading tertiary providers to ensure students are well prepared for future study and the industry. Projects could include skills such as; agile project management to drive the research and development of self-selected projects, idea defence during development, and the application of creative and logical reasoning to develop relevant and innovative products suitable for contemporary industry.

This course provides two assessment pathways - Achievement Standards and Unit Standards - for students interested in either university or a trade-related course.

Specialist areas that would be beneficial to study in support of Product Design at Level 3 would be Visual Art - Design, Spatial Design, Fashion and Textiles Design and Visual Art - Sculpture.

Additional Course Costs & Special Requirements

Individual course projects may incur additional costs depending on the nature of their outcomes and resources required.

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways including Product Design, Industrial Design, Engineering and some aspects of Architecture. The Unit Standard assessment can be used towards entry into trade-related training. Standards marked W can be counted as writing credits for UE Literacy.

Assessment

AS91609	Undertake project management to support technological practice	Internal	4
AS91612 (W)	Demonstrate understanding of how technological modelling supports technological development and implementation	External	4
AS91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	Internal	6
Total Possible Credits			14
US29682	Select, use and maintain tools, equipment and machinery for a Stage 3 BCATS project	Internal	4
US29678	Demonstrate knowledge of, select and use materials for a Stage 3 BCATS project	Internal	4
US29677	Follow safe workshop practices and contribute to a health and safety culture in a BCATS environment	Internal	2
US29679	Develop and use BCATS project documentation for a sStage 3 BCATS project		8
Total Possible Credits			18

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Spatial Design and/or Technology. All external work is submitted as a formal academic report and/or a portfolio.

NCEA Scholarship Technology

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student is required to present a convincing reflective academic report based on the development of their technological outcome.

Contact: Ms M Aitken

Science Studies (by invitation only)

Qualification: NCEA Level 3

Entry Requirement

A minimum of 12 credits in Level 2 Science Studies.

Introduction

The Science Studies course is a one year programme for students to study Earth, Space and Environmental Science and is designed for students who have made limited progress at previous levels of Science.

Science Studies is also beneficial for those students whom are seeking further study, apprenticeship or career in the trades.

Course Outline

Science Studies has 4 internal assessment opportunities and covers key principles in:

- Astronomy
- Geology

UE Approved

This subject leads to a Level 3 approved UE course. Standards marked R can be counted as reading credits for UE Literacy.

Assessment

AS91410 (R)	Carry out an independent practical Earth and Space Science investigation	Internal	4
AS91411 (R)	Investigate a socio-scientific issue in an Earth and Space Science context	Internal	4
AS91412	Investigate the evidence related to dating geological event(s)	Internal	4
AS91415 (R)	Investigate an aspect of astronomy	Internal	4
Total Possible Credits			16

Spanish

Qualification: NCEA Level 3

Entry Requirement

14 credits in Level 2 Spanish (2 Internal and 1 External Reading or Listening).

Course Outline

The Level 3 Spanish course further develops and consolidates receptive and productive language skills in the target language. There is an emphasis on extending the range of language to enable students to explore ideas and perspectives, and justify ideas and connections between cultures.

UE Approved

This subject is an approved UE course of study.

Assessment

AS91568	Demonstrate understanding in Spanish on a variety of extended spoken texts	External	5
AS91569	Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material	Internal	3
AS91571	Demonstrate understanding of a variety of extended written and / or visual Spanish texts	External	5
AS91572	Write a variety of text types in Spanish to explore and justify varied ideas and perspectives	Internal	5
Total Possible Credits			18

Scholarship in Spanish

Students who enter Scholarship are required to demonstrate higher level critical thinking. The student will respond in speech and writing in Spanish to complex written and spoken stimulus material in Spanish, manipulating language in an impromptu context.

Spatial Design

Qualification: NCEA Level 3

Entry Requirement

12 credits in Level 2 Spatial Design including AS91341 (DVC 2.34)

Course Outline

Level 3 Spatial Design is designed to foster creative and critical practice in a project based environment. Spatial Design's primary focus is on the designing of spaces, such as architecture, interior design and landscape architecture, as well as the way in which these ideas and thinking are presented visually.

Students have the opportunity to develop their thinking, design and practical skills in this specialist area. Within the context of Year 13 Spatial Design this includes skills like; exploring, refining and resolving spatial design ideas in response to a brief, using ideation for divergent thinking, integrated visual literacy and design thinking, visual communication and presentation for expressing a design narrative, personal design perspective.

Specialist areas that would be beneficial to study in support to Spatial Design at Level 3 would be Visual Art - Design, Sculpture, Product Design, Visual Art - Photography, Visual Art - Painting & Printmaking, Animation & Motion Graphics, Art History.

Additional Course Costs & Special Requirements

- Individual student project requirement will determine if there are additional material costs
- Optional extra of an annual subscription to Adobe Creative Cloud Suite (approx \$10) organised by the College.

UE Approved and Future Pathways

Spatial Design is a specialist area that progresses from Years 10 - 13. The Level 3 course is designed to scaffold and translate into different areas of University study. Spatial Design is based on Design and Visual

Assessment

AS91627	Initiate design ideas through exploration	External	4
AS91628	Develop a visual presentation that exhibits a design outcome to an audience	Internal	6
AS91629	Resolve a spatial design through graphics practice	Internal	6
Total Possible Credits			16

The nature of project based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. Students will have an Individual Education Programme (IEP) to ensure there are no common standards in the areas of Visual Art, Spatial Design and/or Technology. All external work is submitted as a three panel A1 folio board.

NCEA Scholarship Spatial Design

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. The student needs to demonstrate extensive and sophisticated skills and understanding in design ideation, design practice and visual communication. (Note: Students will be entering Scholarship Design and Visual Communication (DVC) for their submissions)

Contact: Mrs S Gwilliam

Sports Leadership

Qualification: NCEA Level 3

This programme is run in conjunction with the Manukau Institute of Technology. Successful students will receive the Level 3 MIT Certificate of Achievement in Sports Studies. On completion students will be accredited with NZQA Unit Standard credits if they have met the performance criteria. (This provides 26 Level 3 credits).

Entry Requirement

- Completion of Year 12 Physical Education and/or the Coaching and Leadership course.
- A demonstrated desire to follow a career pathway into Sports Leadership or recreation

It is not recommended students study both Level 3 Sports Leadership as well as Level 3 Physical Education. Students who wish to study both courses must seek approval from the Head of Physical Education.

Course Outline

This programme of study contains four modules which include:

- Sports Injuries - identifying and explaining factors involved in the preparation and management of injuries that may be incurred while participating in physical activity.
- Planning to Coach - planning and evaluating a coaching session including an investigation into different leadership styles and their effects on learning

- Introduction to Event Management - investigating the process for planning, implementing and evaluating simple events or recreational activities.
- Exercise Prescription - identifying muscle groups and demonstrating exercise techniques in resistance training.

Target Group

The Programme targets Year 13 secondary school students, in particular:

- Students who wish to enter the field of Sport and Recreation
- Students wanting a sports based pathway that can prepare them for further tertiary study
- For developing leadership skills that can be transferable to a variety of disciplines

On completion students will have:

- Had Leadership opportunities
- Developed specific sports skills both in delivery and as a participant
- Developed effective delivery skills in both the practical sport and the recreation environments.

Additional Course Costs & Special Requirements

Approximate additional cost of \$200 per student

Travel and Tourism

Qualification: NCEA Level 3

Entry Requirement

80 credits at Level 2.

Priority is given to students who have successfully completed Year 12 Travel and Tourism. Other students with an interest in the Travel industry may apply through a discussion with the Head of Geography.

A functioning computer notebook with internet access is compulsory for this course.

Introduction

Travel and Tourism comprises an introduction to the travel, tourism and hospitality industries in New Zealand and Australia and the Pacific Islands.

Course Outline

Travel and Tourism will enable students to demonstrate general knowledge of the Travel and Tourism industry in New Zealand, Australia and the Pacific Islands.

Additional Course Costs & Special Requirements

The fees for the Unit Standards are for the student manuals and will be approximately \$180*.

*These figures are based on 2019 figures and are subject to change.

UE Approved

This subject is NOT an approved UE course of study but is highly recommended to those who wish to further support their other UE subjects with practical skills and experience.

Assessment

US18211	Destination Australia	Internal	5
US18212	Destination New Zealand	Internal	8
US28126	World Geography	Internal	5
US3727	Destination Pacific Islands	Internal	5
Total Possible Credits			23

The Unit Standards being undertaken in 2020 are as follows and are those approved by ITC. These are recognised standards that are generally transferable to other Polytechnic qualifications. All Unit Standards are internally assessed.

Contact: Mrs A Raea

Visual Art - Design

Qualification: NCEA Level 3

Entry Requirement

12 credits or more in Level 2 Visual Art - Design.

Course Outline

Level 3 Visual Art - Design has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of communication design practices, techniques and outcomes. Level 3 is a demanding course that aims to synthesize the thinking and technical skills covered in previous courses to ensure students are capable of independent study.

The aim of Visual Art - Design at Level 3 is for students to work across a wide range of materials and practice suitable skills to this specialist area and form a critical understanding of how their ideas and artworks fit within established practice. Students investigate and select contexts to guide a year-long project. Contexts and course work may develop skills such as; the ideation, development and production of a custom type-face, the manipulation and development of digital ideas, knowledge of specialist tools as techniques such as Adobe Illustrator, Photoshop and InDesign and how to engage in a critical and personal response to visual problems using established practice to assist development.

Assessment

AS91445	Use drawing to demonstrate understanding of conventions appropriate to design	Internal	4
AS91455	Produce a systematic body of work that integrate conventions and regenerates ideas within design practice	External	14
Total Possible Credits			18

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as two panel A1 folio board.

Scholarship in Visual Art - Design

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. Students will work independently as well as attend tutorials with a Visual Art specialist to create an eight page workbook that extends and supports the External Achievement Standard.

Contact: Mr R Stratton

Specialist areas that would be beneficial to study in support to Visual Art - Design would be Visual Art - Photography, Spatial Design, Product Design and Animation and Motion Graphics.

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- A laptop with 8GB RAM and the ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.
- Printing and folio board printing costs

UE Approved and Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Communication Design, Fine Arts, Digital Design and Industrial Design.

Visual Art - Painting and Printmaking

Qualification: NCEA Level 3

Entry Requirement

12 credits or more in Level 2 Visual Art - Painting and Printmaking.

Course Outline

Level 3 Visual Art - Painting and Printmaking has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of ideas and artworks in painting and/or printmaking in an independent studio based environment.

Level 3 is a demanding course that aims to synthesize the thinking and technical skills covered in previous courses and extend ideas using contemporary established practice. By the end of the year students should be able to work across a wide range of materials and practices suitable to this specialist area and form a critical understanding of how their ideas and artworks fit within established practice. Students will investigate and select contexts to guide a year-long project. Specific Printmaking Achievement Standards may be substituted for students selecting a print major.

Specialist areas that would be beneficial to study in support to Visual Art - Painting and Printmaking would be Visual Art - Design, Sculpture, Photography, Animation and Motion Graphics or Spatial Design.

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop and an annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.

Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Fine Arts, Communication Design and Industrial Design.

Assessment

AS91446	Use drawing to demonstrate understanding of conventions appropriate to painting	Internal	4
AS91451	Systematically clarify ideas using drawing informed by established painting practice	Internal	4
AS91456	Produce a systematic body of work that integrates conventions and regenerates ideas with painting practice	External	14
Total Possible Credits			22

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as three panel A1 folio board.

Scholarship in Visual Art - Painting and Printmaking

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. Students will work independently as well as attend tutorials with a Visual Art specialist to create an eight page workbook that extends and supports the External Achievement Standard.

Contact: Mr R Stratton

Visual Art - Photography

Qualification: NCEA Level 3

Entry Requirement

14 credits or more in Level 2 Visual Art - Photography

Course Outline

Level 3 Visual Art - Photography has been developed to foster creative and critical practice in a portfolio based environment. The primary focus of this specialist area is on the generation and development of photographic practices. Level 3 is a demanding course that aims to synthesize the thinking and technical skills covered in previous courses and extend ideas using contemporary established practice.

By the end of the year students should be able to work across a wide range of materials and practices suitable to this specialist area and form a critical understanding of how their ideas and artworks fit within established practice. At Level 3 students will be encouraged to pursue their own themes and cultural milieu to select a context that will govern their year-long project.

Specialist areas that would be beneficial to study in support to Visual Art - Photography would be Visual Art - Sculpture, Fashion and Textiles Design and Spatial Design..

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- The ability to run Adobe Creative software such as Illustrator and Photoshop and an annual subscription to Adobe Creative Suite (\$10 approx organised by the College) if required by the student's practice.
- Printing and folio board printing costs
- Digital SLR camera, external hard drive, SD card. Please see the Art Department staff for more guidance if needed.

Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Fine Arts, Communication Design, Digital Design and Industrial Design. Standards marked R can be counted as reading credits for UE Literacy.

Assessment

AS91442 (R)	Analyse methods and ideas from established Photography practice	Internal	4
AS91447	Use drawing to demonstrate understanding of conventions appropriate to Photography	Internal	4
AS91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	External	14
Total Possible Credits			22

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as three panel A1 folio board.

Scholarship in Visual Art - Photography

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. Students will work independently as well as attend tutorials with a Visual Art specialist to create an eight page workbook that extends and support the External Achievement Standard.

Contact: Mr R Stratton

Visual Art - Sculpture

Qualification: NCEA Level 3

Entry Requirement

12 credits in Level 2 Visual Art - Sculpture

Course Outline

Level 3 Visual Art - Sculpture has been developed to foster creative and critical practice in a project based environment. The primary focus of this specialist area is on the generation and development of sculptural practices.

Level 3 is a diverse course that aims to extend the understanding of spaces and materials gained in Level 2 Visual Art - Sculpture in an independent and studio based environment. Students will be challenged to work through a critical inquiry process to locate themselves within the established practices of Sculpture and produce informed and systematically developed outcomes that push the boundaries of space and scale.

Specialist areas that would be beneficial to study in support to Visual Art - Sculpture would be Visual Art - Photography, Product Design, Spatial Design and Animation and Motion Graphics.

Additional Course Costs & Special Requirements

- Individual student project requirements will determine if there are additional material costs
- External hard drive, SD Card. (Please see Art Department staff for more guidance if needed).
- The ability to run Adobe Creative software such as Illustrator and Photoshop
- Annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.
- Folio board print costs

Future Pathways

This specialist area leads to a Level 3 approved UE course and multiple tertiary pathways such as Fine Arts, Product Design, Industrial Design and some areas of Architecture. Standards marked R can be counted as reading credits for UE Literacy.

Assessment

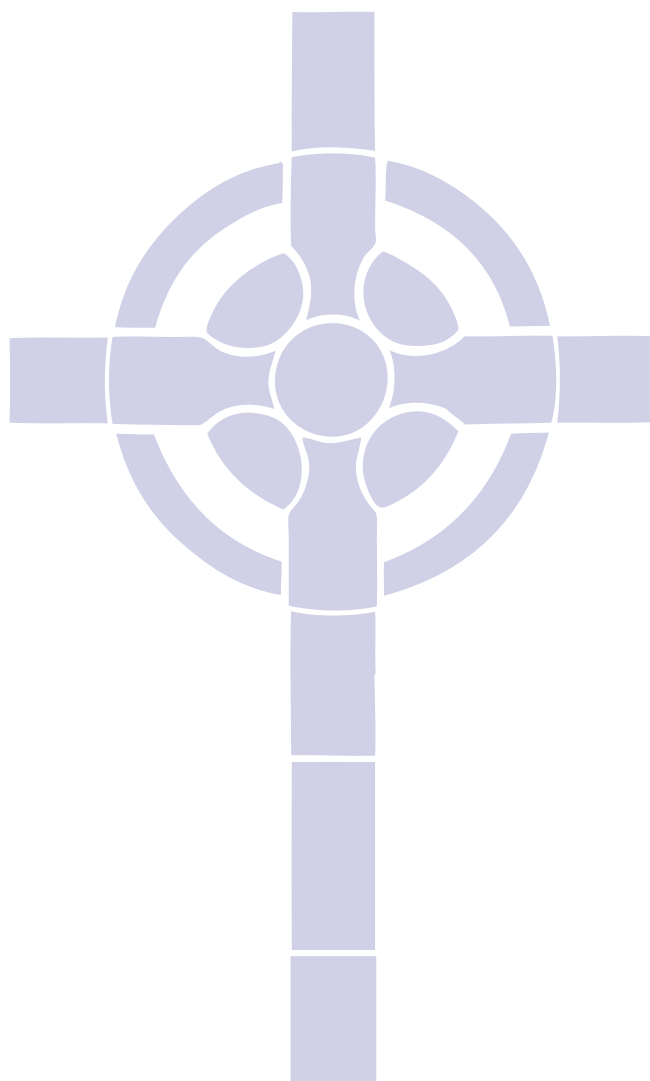
AS91444 (R)	Analyse methods and ideas from established sculpture practice.	Internal	4
AS91454	Systematically clarify ideas using drawing informed by established sculpture practice.	External	4
AS91459	Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture practice.	Internal	14
Total Possible Credits			22

The nature of project-based learning is fluid and designed to suit individual learners. To this end course content and standards offered are subject to change if deemed to be beneficial. All external work is submitted as three panel A1 folio board.

Scholarship in Visual Art - Sculpture

Students who enter Scholarship are required to extend their Level 3 work to demonstrate higher levels of critical and creative thinking. Students will work independently as well as attend tutorials with a Visual Art specialist to create an eight page workbook that extends and supports the External Achievement Standard.

Contact: Mr R Stratton



International Baccalaureate (IB) Diploma Overview

At Saint Kentigern College, students entering Year 12 have a choice of qualifications. They may choose to continue with NCEA or opt for the two year International Baccalaureate (IB) Diploma Programme; a two year course (Years 12 and 13) that leads to an international qualification recognised by universities in New Zealand and around the world.

Students who select the IB Diploma at Year 12 should regard this as a two year commitment, however, those whose attainment at the end of Year 12 appears insufficient to meet the Diploma requirements may be advised to reassess their qualification pathway for Year 13.

(Please note: Students who elect to study the IB Diploma are also eligible to sit the NZQA Scholarship examinations where examination timetabling permits).

Entry Requirements

The IB Diploma is available to all Saint Kentigern College students entering Year 12 providing they have met the relevant individual subject entry criteria (see individual subjects for details).

Students are not required to be top academics to undertake the IB Diploma Programme. However, students do need to be motivated, prepared to look at issues from different perspectives and willing to learn.

Course Outline

Diploma students take six subjects. Students must choose one subject from each of groups 1 to 5, thus ensuring breadth of experience in languages, social sciences, the experimental sciences and mathematics. The sixth subject may be an arts subject chosen from Group 6, or the student may choose a second subject from another group.

Three subjects are studied in depth at Higher Level (HL) and three at Standard Level (SL). Students will decide which subjects they will study at Higher Level at the end of the second term in Year 12.

In addition, the programme has three core requirements that are included to broaden the educational experience and challenge students to apply their knowledge and understanding. This requires the students to complete a course in the Theory of Knowledge (TOK), write a Formal Extended Essay (EE) and participate in Creativity, Activity and Service (CAS).

Assessment

IB Diploma subjects are assessed by a combination of continuous course work and external examinations at the end of the two year programme.

In each subject candidates are awarded Levels of Achievement with Level 7 being the highest.

Level 1 - Very Poor	Level 2 - Poor
Level 3 - Mediocre	Level 4 - Good
Level 5 - Very Good	Level 6 - Excellent
Level 7 - Outstanding/Exceptional	

In addition to this, up to 3 points are awarded for performance in the Extended Essay and the Theory of Knowledge. The Diploma is awarded to students who gain at least 24 points, subject to certain minimum levels of performance across the whole programme and to satisfactory participation in the Creativity, Activity and Service (CAS) component. The highest total that a Diploma student can be awarded is 45 points.

The average international IB Diploma score is 29 points out of the maximum 45. 24 points is the minimum requirement for university entry, however, more demanding university courses will require a higher level of points.

For more detailed information about the International Baccalaureate Organisation worldwide, visit their website: www.ibo.org

For more specific and detailed information about the IB Diploma programme at Saint Kentigern College please contact IB Coordinator, Mr P Lee, philip.lee@saintkentigern.com

How does the Diploma Programme Work?

The International Baccalaureate Diploma curriculum contains six subject groups, together with a core made up of three separate parts that are compulsory to all students. This is illustrated below with the compulsory requirements at the core.



IB Diploma students study six subjects. Three of these subjects will be studied at Higher Level and three at Standard Level (see explanation below).

All three parts of the core, The Extended Essay, Theory of Knowledge and Creativity, Activity and Service are compulsory, and are central to the philosophy of the Diploma.

The requirement to select a subject from each group ensures that the science-orientated student is challenged to learn a foreign language and the natural linguist becomes familiar with the scientific process. Whilst balance is maintained, flexibility is catered for with a student choosing Higher Level subjects to pursue areas of personal interest and to meet special requirements for university entrance.

Higher Level and Standard Level

At Saint Kentigern College, three subjects are studied at Higher Level (HL) and three at Standard Level (SL).

- Higher Level courses represent 240 teaching hours
- Standard Level courses represent 150 teaching hours

For further information about the differences between SL and HL in subject areas please refer to the following pages.

IB DIPLOMA SUBJECTS AVAILABLE AT SAINT KENTIGERN COLLEGE						
Group 1	English A: Literature		English A: Language & Literature			
Group 2	Chinese B	French B	Japanese B	Latin B	Spanish B	Spanish (ab-initio)
Group 3	Business Management		Economics	Geography		History
Group 4	Biology		Chemistry	Physics		
Group 5	Mathematics: Analysis and Approaches			Mathematics: Applications and Interpretations		
Group 6	Film Studies		Music	Visual Art / Theatre Arts		

Please note all subjects are offered subject to satisfactory numbers of interested students.

Core Requirements (compulsory)

At the heart of the IB Diploma are three compulsory core requirements which all students must complete, Theory of Knowledge, Extended Essay, and Creativity, Activity and Service (CAS).

Theory of Knowledge

The Theory of Knowledge course is a fundamental part of the Diploma. It is a course of interdisciplinary study that challenges students to think critically about knowledge itself. It poses questions such as: How do we know? What counts as knowledge? What is the value of knowledge? How does it grow? What are its limits? Who owns knowledge? What are the implications of having, or not having knowledge?

The course encourages students to:

- Reflect critically on diverse ways of knowing and on areas of knowledge
- Consider the role and nature of knowledge in their own culture, in the cultures of others and in the wider world

The course is organised in four broad categories with linking questions:

- Knowledge issues
- Knowers and knowing
- Ways of knowing
- Areas of knowledge

A successful TOK course will build on the student's own experience and involve them to explore the values of curiosity, thoughtful inquiry and critical thought.

Theory of Knowledge Assessment

There is no examination in TOK. However, students are required to complete a TOK essay from a list of prescribed titles. The TOK essay is externally assessed. Students must also complete a TOK presentation which is internally assessed but externally moderated.

	THEORY OF KNOWLEDGE					
Extended Essay	Excellent - A	Good - B	Satisfactory - C	Mediocre - D	Elementary - E	Not Submitted
Excellent - A	3	3	2	2	N	N
Good - B	3	2	2	1	N	N
Satisfactory - C	2	2	1	0	N	N
Mediocre - D	2	1	0	0	N	N
Elementary - E	N	N	N	N	N	N
Not Submitted	N	N	N	N	N	N

The Extended Essay

The Extended Essay is an in-depth study of a focused topic chosen from the list of approved Diploma subjects - usually one of the student's six chosen subjects for the IB Diploma. This part of the programme focuses on analysis, evaluation and reasoning. It provides students with an opportunity to engage in personal independent research on a topic of their own choice, under the guidance of a supervisor (a teacher in the school). This leads to a major piece of formally presented, structured writing, in which ideas and findings are communicated in a reasoned and coherent manner, appropriate to the IB subject chosen. In the Diploma, the Extended Essay is the prime example of a piece of work where the student has the opportunity to show knowledge, understanding and enthusiasm about a topic of his or her choice.

Assessment

The Extended Essay is assessed externally against common generic criteria, interpreted in ways appropriate to each subject.

In combination with the grade for Theory of Knowledge, it contributes up to three points to the total score for the IB Diploma.

The Extended Essay is presented as a formal piece of structured writing containing no more than 4,000 words; the result of approximately 40 hours of work by the student. Three mandatory reflective statements are written over the writing period of the Essay.

Creativity, Activity, Service (CAS)

The aim of Creativity, Activity, Service (CAS) is to foster responsible, compassionate citizens by encouraging their participation in artistic activities, sports, expeditions and service projects.

The three strands of CAS are characterised as follows:

CREATIVITY	Arts, and other experiences that involve creative thinking
ACTIVITY	Physical exertion contributing to a healthy lifestyle, complementing academic work elsewhere in the Diploma
SERVICE	An unpaid and voluntary exchange that has a learning benefit for the student. The rights, dignity and autonomy of all those involved are respected.

CAS enables students to enhance their personal and interpersonal development through experiential learning. At the same time, it provides an important counterbalance to the academic pressures of the rest of the Diploma.

For student development to occur, CAS should involve:

- Real, purposeful activities with significant outcomes
- Personal challenge - tasks must extend the student and be achievable in scope
- Thoughtful consideration such as planning, reviewing progress and reporting
- Reflection on outcomes and personal learning

All proposed CAS activities need to meet these four criteria. It is also essential that they do not replicate other parts of the student's IB Diploma work.

Successful completion of CAS is a requirement for the award of the IB Diploma. CAS is not formally assessed but students need to document their activities and provide evidence that they have achieved seven key learning outcomes.

Christian Education

Introduction

Christian values are an intrinsic part of the special character of Saint Kentigern College. All Year 12 and 13 students take Christian Education.

The Christian Education Department is constantly evolving its programmes to ensure that they are interesting, relevant and challenging for our students in their development as young men and women on their faith journeys, whatever they perceive that to be. In the Senior College, a wide range of relevant and contemporary resources are used in what is generally an informal, discussion-based, non-assessed theological and philosophical exploration of issues of Christian life and faith.

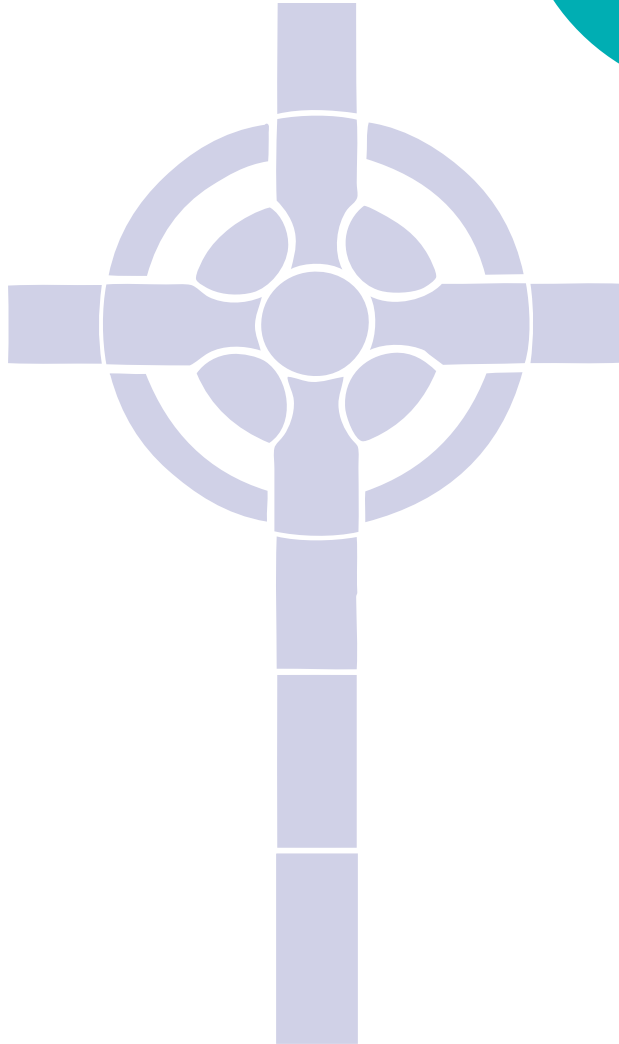
Course Outline

The Year 12 course aims to encourage students to continue exploring the foundational principles of the Christian life in deeper and increasingly more relevant ways. With the focus being on 'bringing joy to others', students will revisit the Jesus story, as well as key events in the history of the Christian church to consider not only what their own aspirations and achievements are, but also what they might achieve for others and inspire in others.

At Year 13 the aim of the course is to further build upon and enhance students' awareness and understanding of the Judeo/Christian view of life and living, and thus to equip them to interface with the world outside the constraints and special nature of the Saint Kentigern College community. With the Ten Commandments as the scriptural basis, the special character of Saint Kentigern College as the context, and supported by a wide range of contemporary resources, students will be encouraged to participate in an in-depth exploration of morality, conscience and, more specifically, issues of morality that will impact upon students' lives at some point.

Assessment

There is no formal assessment for this course.



IB Subjects for Years 12 and 13

Subject selection is made in consultation with the IB Coordinator, Student Futures, teaching staff, students and parents. All students are interviewed to help them plan a suitable course and to make appropriate selections of Standard and Higher Level subjects.

Group 1 (Studies in Language and Literature)

Subject choices in Group 1 are Studies in English A: Literature, English A: Language and Literature and Chinese A: Language and Literature

English A: Literature

Entry Requirement

14 Credits at NCEA Level 1 including a writing assessment, either Formal (AS90053) or Creative (AS90052)..

Introduction

The English A: Literature course involves the study of literature from a variety of cultural backgrounds over a broad period of time. Texts are selected from a range of genre and, through an emphasis on cultural awareness, students gain an appreciation of people and issues outside of their immediate experience. The English A: Literature course requires students to dedicate time to reading literature and responding to it verbally and in writing. The skills of analysis are practised to enable students to show their appreciation of previously unseen texts as well as their knowledge and understanding of texts

There is an emphasis on discussion and verbal commentaries in order to equip students for assessment in formal oral situations.

Course Outline

Higher Level students study 13 texts. Standard Level students study 10 texts. Works include texts in translation, such as novels and plays. Poetry, autobiography and short stories including New Zealand texts are also included in the course.

Assessment

Students will be assessed externally and internally at both Higher and Standard Levels.

Standard Level Assessment Group 1 Language A: Literature		
External Assessment		70%
Written Papers		
Paper 1	Guided Literary Analysis	20%
Paper 2	Comparative Essay	25%
Written Assignment		25%
Internal Assessment		30%
Individual Oral Commentary		15%
Individual Oral Presentation		15%

Higher Level Assessment Group 1 Language A: Literature		
External Assessment		70%
Written Papers		
Paper 1	Written Commentary	20%
Paper 2	Comparative Essay	25%
Written Assignment		25%
Internal Assessment		30%
Individual Oral Commentary and HL Discussion		15%
Individual Oral Presentation		15%

Contact: Mrs J MacDonald

English A: Language and Literature

Entry Requirement

14 Credits at NCEA Level 1 including a writing assessment, either Formal (AS90053) or Creative (AS90052).

Introduction

The English A: Language and Literature course involves the study of language in cultural context, language and mass communication, and literature from a variety of cultural backgrounds over a broad period of time. The course is designed to: develop in students, the ability to engage in close detailed analysis of individual texts and make relevant connections with them and between them; develop students' power of expression both in oral and written communication; encourage students to appreciate the formal, stylistic and aesthetic qualities of the texts and think critically about the different interactions between text, audience and purpose.

Course Outline

Higher Level students study 6 texts and two language units. Standard Level students study 4 texts and two language units. Works include texts in translation such as novels and plays. New Zealand texts are also included in the course. The language units are: language in cultural context and language and mass communication.

Assessment

Students will be assessed externally and internally at both Higher and Standard Levels.

Assessment

Standard Level Assessment Group 1 Language A: Language and Literature		
External Assessment		70%
Written Papers		
Paper 1	Written Commentary	25%
Paper 2	Comparative Essay	25%
Written Assignment		20%
Internal Assessment		30%
Individual Oral Commentary		15%
Individual Oral Activity		15%

Contact: Mrs J MacDonald

Higher Level Assessment Group 1 Language A: Language and Literature		
External Assessment		70%
Written Papers		
Paper 1	Written Commentary	25%
Paper 2	Comparative Essay	25%
Written Assignment		20%
Internal Assessment		30%
Individual Oral Commentary and HL Discussion		15%
Further Oral Activity		15%

Group 2 (Language Acquisition)

At Saint Kentigern College, Chinese, French, Japanese, Latin and Spanish are offered in Group 2. For those students who have not previously studied a language, or who may have previously studied a language but not met the entry requirements for other learned languages in Group 2, Spanish is offered in ‘ab initio’ (Latin phrase meaning: “from the beginning”).

Chinese B

Entry Requirement

18 credits or more in NCEA Level 1 Chinese and achieved at least one Excellence grade in each of the Internal and External Achievement Standards at Level 1.

If Chinese is the student’s heritage language, it is restricted to students who have not undergone a significant, formal course of study in, or of Chinese.

Students must have completed the last three years of study in a school in which that Chinese was not the first language. This would include all students who have attended Saint Kentigern College since the beginning of Year 9.

Students may have studied or been taught in a different dialect of Chinese.

Entry to the Chinese B course is at the discretion of the Teacher in Charge of Chinese.

Introduction

Chinese is the most widely spoken language in the world. Because of the large, prosperous economy and the developing trading relationship with New Zealand, it is currently an important and very popular foreign language to learn. This Chinese course aims to give students an advantage in the increasingly competitive business world incorporating the skills of reading, writing and speaking, with the receptive skill of listening. It develops the student’s understanding of Chinese culture and lifestyle in the 21st century.

Course Outline

Standard and High Level Chinese consists of a combination of internally assessed speaking, and externally assessed Reading, Writing and Listening.

The themes for study include

- Identities
- Experiences
- Human Ingenuity
- Social Organisation
- Sharing the Planet

Assessment

Standard Level and High Level Assessment - Group 2 Chinese B		
External Assessment		75%
Written Papers		
Paper 1	Writing	25%
Paper 2	Listening and Reading	50%
Internal Assessment		25%
Individual Oral		25%

Contact: Ms T Yan

French B

Entry Requirement

18 credits or more in NCEA Level 1 French.

It is essential students entering French B have this total number of credits. This course is especially suitable for students with an 'M' endorsement at Level 1.

Introduction

French is spoken widely in the world and while already a popular subject for New Zealand students, it continues to be an increasingly important and relevant foreign language to learn. This French course incorporates the skills of reading, writing and speaking with the passive skill of listening. It aims to give students a sound understanding of French culture and lifestyle in the 21st century.

Course Outline

The Standard Level course (Higher Level will only be offered at the discretion of the Teacher in Charge) consists of a combination of internally assessed Speaking, and externally assessed Reading, Writing and Listening

The themes for study include

- Identities
- Experiences
- Human Ingenuity
- Social Organisation
- Sharing the Planet

Assessment

Standard Level and High Level Assessment - Group 2 French B		
External Assessment		75%
Written Papers		
Paper 1	Writing	25%
Paper 2	Listening and Reading	50%
Internal Assessment		25%
Individual Oral		25%

Contact: Ms M Fahey

Japanese B

Entry Requirement

19 credits in NCEA Level 1 Japanese. Students must also have achieved an Excellence grade in ONE of the External Achievement Standards (1.1 or 1.4) and ONE of the Internal Achievement Standards (1.2 or 1.5) at Level 1.

Introduction

Japanese remains an important economic power in the world today – a leader in technology as well as being a major trading partner for New Zealand therefore is currently an important and popular foreign language to learn. This Japanese course incorporates the skills of reading, writing and speaking with the passive skill of listening. It aims to give students a sound understanding of Japanese culture and lifestyle in the 21st century.

Course Outline

Standard Level Japanese (Higher Level will not be offered) consists of a combination of internally assessed Speaking, and externally assessed Reading, Writing and Listening (with a specific emphasis on kanji).

The themes for study include

- Identities
- Experiences
- Human Ingenuity
- Social Organisation
- Sharing the Planet

Assessment

Standard Level and High Level Assessment - Group 2 Japanese B		
External Assessment		75%
Written Papers		
Paper 1	Writing	25%
Paper 2	Listening and Reading	50%
Internal Assessment		25%
Individual Oral		25%

Contact: Mrs C Leishman

Latin B

Entry Requirement

16 credits in NCEA Level 1 Latin with a Merit Endorsement.

Introduction

IB Diploma Latin B provides an opportunity to study an historically significant language that is also embedded in many modern languages. The Diploma Programme course in Latin provides an opportunity for students to explore the languages, literatures and cultures of ancient Rome. This ancient civilisation has played a vital part in shaping many modern societies and cultures. The language is versatile and finely structured and has had a major influence on the development of most modern European languages. The study of Latin gives important insights into the culture that produced it, and offers a bridge between the contemporary world and the civilisations of antiquity.

Course Outline

Standard Level and Higher Level Latin have two components- language study and genre study. The study of Ovid's Metamorphoses is where students translate a specified part or parts of one unprepared text, taken from Ovid, into English. The genre study is a thematic study of villains in ancient literature and Latin epic poetry through Virgil.

Assessment

The internal assessment will take the mode of a Research Dossier. The task offers students an opportunity to examine in some depth an aspect of classical language, literature or civilisation that is of particular interest. The student is required to put together a research dossier of annotated primary source materials relating to a topic in Roman or Classical Greek history, literature, language, religion,

Assessment

Standard Level and High Level Assessment - Group 2 Latin B		
External Assessment		80%
Written Papers		
Paper 1	Translation of a specified part or parts of one unprepared passage from the prescribed author	35%
Paper 2	Questions based on studied extracts - two from each genre	45%
Internal Assessment		20%
Research Dossier		20%

Spanish B

Entry Requirement

18 credits or more in NCEA Level 1 Spanish. It is essential students entering Spanish B have this total number of credits. This course is especially suitable for students with an ‘M’ endorsement at Level 1.

Introduction

Spain and South America are becoming major trading partners for New Zealand and therefore Spanish is increasingly an important and popular foreign language to learn. This Spanish course incorporates the skills of reading, writing and speaking with the passive skill of listening. It aims to give students a sound understanding of Spanish culture and lifestyle in the 21st century.

Course Outline

The Standard Level course (Higher Level will only be offered at the discretion of the Teacher in Charge) consists of a combination of internally assessed Speaking, and externally assessed Reading, Writing and Listening.

The themes for study include

- Identities
- Experiences
- Human Ingenuity
- Social Organisation
- Sharing the Planet

Assessment

Standard Level and High Level Assessment - Group 2 Spanish B		
External Assessment		75%
Written Papers		
Paper 1	Writing	25%
Paper 2	Listening and Reading	50%
Internal Assessment: Internally Assessed by the teacher and externally moderated by the IB		25%
Individual Oral		25%

Spanish (Ab-Initio)

Entry Requirement

None.

This course is for those students who have not previously studied a language, or who may have previously studied a language but not met the entry criteria for the other Group 2 languages. "Ab-initio" means 'from the beginning' (Latin).

Introduction

Spain and South America are becoming major trading partners for New Zealand and therefore Spanish is increasingly an important and popular foreign language to learn. This Spanish course incorporates the skills of reading, writing and speaking with the passive skill of listening. It aims to give students a sound understanding of Spanish culture and lifestyle in the 21st century.

Course Outline

While this is a beginners course in Spanish, students will be expected to reach a standard equivalent to Year 12 NCEA level, by the end of their second year. An extended vocabulary list required for the reading and listening assessments will be issued at the beginning of the course.

Themes:

- Identities
- Experiences
- Human Ingenuity
- Social Organisation
- Sharing the Planet

Assessment

Ab-Initio Assessment - Group 2 Spanish (Ab-Initio)		
External Assessment		75%
Written Papers		
Paper 1	Writing	25%
Paper 2	Receptive Skills - listening and reading	50%
Internal		
Individual Oral		25%

Contact: Mrs M Martinez

Group 3 (Individuals and Societies)

Subject choices in Group 3 are Business Management, Economics, Geography and History.

Business Management

Entry Requirement

A minimum of 14 credits from NCEA Level 1 Achievement Standards in Accounting, Business and/or Economics.

Introduction

Business Management is a rigorous and dynamic discipline that examines business functions, management processes and decision making in contemporary contexts of strategic uncertainty. It also considers business decisions that are influenced by factors internal and external and how these decisions impact upon its stakeholders.

Course Outline

The aim is to help students understand the implications of business activity in a global market.

It is designed to give students an international perspective of business and to promote their appreciation of cultural diversity through the study of the topics; Business Organisation and their environment, Marketing, Human Resource Management, Finance and Accounts and Operations Management. In addition, the following six concepts underpin the course and are integrated throughout the course- Change, Culture, Ethics, Globalisation, Innovation and Strategy.

Overall the Business Management course will contribute to students' development as critical and effective participants in local and world affairs and develop skills that are relevant to today's students.

Assessment

Students will sit two external examinations and write an internal assessment for both Standard Level and Higher Level courses.

Assessment

Standard Level Assessment Group 3 Business Management		
External Assessment		75%
Written Papers		
Paper 1	A series of short answer questions based on a case study that is issued in the second year of the course	30%
Paper 2	A series of short answer questions and one extended response based on stimulus material provided in the examination covering all course material and the underlying CUEGIS concepts.	45%
Internal Assessment - A written commentary based on three to five supporting documents about a real issue or problem facing a particular organisation.		25%

Higher Level Assessment Group 3 Business Management		
External Assessment		75%
Written Papers		
Paper 1	A series of short answer questions and one extended response based on a case study that is issued in the second year of the course	35%
Paper 2	A series of short answer questions and one extended response based on stimulus material provided in the examination covering all course material and the underlying CUEGIS concepts.	40%
Internal Assessment - A research project that enables students to demonstrate the application of their skills and knowledge in business management to real organisation issues or decision-making.		25%

Contact: Mrs J Halas

Economics

Entry Requirement

A minimum of 14 credits from the NCEA Level 1 Achievement Standards in Economics.

For those students who have not previously studied Economics but who wish to enter IB Diploma Economics, credits obtained in English and Mathematics will be used as the basis for entry.

Introduction

Economics is a dynamic social science, forming part of group 3 – individuals and societies. The study of economics is essentially about dealing with scarcity, resource allocation and the methods and processes by which choices are made in the satisfaction of human wants.

The economics course encourages students to consider ethical dimensions and perspectives, foster a concern for global issues and raise awareness of their own responsibilities at a local, national and international level.

The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world.

Course Outline

Introduction to Economics

- Micro-economics
- Macro-economics
- International Economics
- Development Economics

Assessment

Standard Level Assessment Group 3 Economics		
External Assessment		80%
Written Papers		
Paper 1	Two extended response questions	40%
Paper 2	Two data response questions	40%
Internal Assessment		20%

Higher Level Assessment Group 3 Economics		
External Assessment		80%
Written Papers		
Paper 1	Two extended response questions	30%
Paper 2	Two data response questions	30%
Paper 3	Two quantitative method questions	20%
Internal Assessment		20%

Geography

Entry Requirement

There is no specific entry requirement for IB Geography as skills needed are developed within the course however it is preferable and advantageous for students to have some understanding of Geography from Level 1 and a basic awareness of current global issues like population growth, global climate change, global trade, and environmental destruction.

Introduction

Geography is a uniquely placed subject in Group 3 because of the strong links it has with other subjects like Economics, Languages, and aspects of Experimental Sciences. The topics covered in Geography are related to real-world current issues that are relevant to present day and future societies and that consider the interactions between people and the physical environment. Geography is not maps and places, it is about current issues that affect the lives of people now and that may influence the lives of people in the future.

Geography looks at ways people in different cultures have brought about changes through their interaction with the natural world and how our growth as a species is creating some pretty significant global issues. It also investigates the way people adapt and respond to change and evaluates management strategies associated with such change through a range of international and local case studies. Geography is a subject that requires students apply common sense and logical thought in a scientific and factual way.

The Diploma Programme Geography course integrates both physical and human geography and ensures students acquire elements of both scientific and socio-economic methodologies. The course starts at Year 12, includes one internal assessment, and ends with the examinations at the end of Year 13. Geography can be continued as a Humanity or Science subject at University.

Additional Course Costs and Special Requirements

Field trips are part of the Geography course. There are additional costs associated with these.

Course Outline

Higher and Standard Level Geography course common themes.

Part 1 - Geographic Themes

There are seven options. Options may vary from year to year, but are selected from:

- Freshwater
- Oceans and coastal margins
- Extreme environments
- Geophysical hazards
- Leisure, tourism and sport
- Food and Health
- Urban environments

Two options are studied at Standard Level.
Three options are studied at Higher Level.

Part 2 - Core

The focus of the Core syllabus is 'Geographic Perspectives and Global Change'. Topics studied include:

- Population distribution – changing population
- Global climate – vulnerability and resilience
- Global resource consumption and security

Part 2 - Higher Level Core Extension

The focus of the Higher Level Core Extension is 'Global Interactions'. Topics include:

- Power, places and networks
- Human development and diversity
- Global risks and resilience

Assessment

Standard Level Assessment - Group 3 Geography		
External Assessment		75%
Written Papers		
Paper 1 (Geographic Themes)	Each option has one structured question and one extended answer question from a choice of two. Total of 40 marks	35%
Paper 2 (Core)	Section A: Three structured questions (30 marks) Section B: Infographic or visual stimulus with structured questions (10 marks) Section C: One extended answer from a choice of two (10 marks) Total 50 marks	40%
Internal Assessment		25%

Higher Level Assessment - Group 3 Geography		
External Assessment		80%
Written Papers		
Paper 1 (Geographic Themes)	Each option has one structured question and one extended answer question from a choice of two. Total of 60 marks	35%
Paper 2 (Core)	Section A: Three structured questions (30 marks) Section B: Infographic or visual stimulus with structured questions (10 marks) Section C: One extended answer from a choice of two questions (10 marks) Total 50 marks	25%
Paper 3 (Higher Level Core Extension)	Students answer one extended answer questions from a choice of three. Total 28 marks	20%
Internal Assessment		20%

History

Entry Requirement

16 Credits or more in NCEA Level 1 History (this must include AS91005)

For those students who have not previously studied History but who wish to enter IB Diploma History, credits obtained in another Social Science subject will be used as the basis for entry.

Introduction

IB Diploma History is concerned with individuals and societies in the widest context: political, social, economic, religious, technological and cultural. It contributes to students’ understanding of their culture, heritage and identity in a global and international context. The course seeks to enable our students to understand the world around them from an international perspective. In understanding the past, our students can have a better understanding of the future and how that may be shaped by good global citizens.

Course Outline

Higher and Standard Level History Course Common Themes
Paper 1

- The move to global war: Japanese, German and Italian expansion 1931 - 41

Paper 2 (2 topics from options below)

- Causes and effects of 20th century wars
- Authoritarian states (20th century)

Higher Level History Course only

Paper 3 (3 topics from options below)

- History of Europe

Includes: Europe and the First World War (1871-1918)
Inter-war domestic developments in European states (1918-1939)
Diplomacy in Europe (1919-1945)

Assessment

Students will be assessed externally and internally at both Higher and Standard Levels.

Assessment

Standard Level Assessment Group 3 History		
External Assessment		75%
Written Papers		
Paper 1	A document based paper on a prescribed subject	30%
Paper 2	An essay paper based on 20th century world history topics	45%
Internal Assessment		25%

Higher Level Assessment Group 3 History		
External Assessment		80%
Written Papers		
Paper 1	A document based paper on a prescribed subject	20%
Paper 2	An essay paper based on 20th century world history topics	25%
Paper 3	An essay paper based on regional options	35%
Internal Assessment		20%

Contact: Mr S Johnston

Group 4 (Experimental Sciences)

Subject choices in Group 4 are Biology, Chemistry and Physics.

Biology

Entry Requirement

A minimum of 16 credits in NCEA Level 1 Science including Genetics AS90948.

Introduction

The IB Biology course will enable students to develop a greater understanding of biological facts together with an appreciation of their significance in new and changing situations. They will develop greater expertise in the area of practical work and the link between theory and experimental work.

Students can continue to enjoy and further develop a personal interest in living organisms as well as learn to recognise the responsible use of biology and biotechnology within international scientific organisations. The course encourages the use of ICT to develop information and communication technology skills in the study of Biology.

Course Outline

The two year course comprises of:

- Ecology
- Genetics
- Molecular Biology
- Plant Science (Higher Level only)
- Animal Physiology (Higher Level only)
- Cell Biology
- Evolution and biodiversity
- Human Physiology
- Energy in Cells (Higher Level only)
- Plus an additional option topic

Assessment

Students will be assessed externally and internally at both Higher and Standard Levels..

Assessment

Standard Level Assessment Group 4 Biology		
External Assessment		80%
Written Papers		
Paper 1	30 multiple choice questions on core content	20%
Paper 2	Data based questions, short answer and extended response questions	40%
Paper 3	Short answers based on one option studied and experimental skills and techniques.	20%
Internal Assessment		20%

Higher Level Assessment Group 4 Biology		
External Assessment		80%
Written Papers		
Paper 1	40 multiple choice questions on core content	20%
Paper 2	Data based questions, short answer and extended response questions	36%
Paper 3	Short answers based on one option studied and experimental skills and techniques.	24%
Internal Assessment		20%

Contact: Ms S Tornquist

Chemistry

Entry Requirement

A minimum of 16 credits in NCEA Level 1 Science including attaining Merit or higher in AS90944, plus Merit in one of AS90947 OR AS90946. Students must also have mathematical numeracy by attaining Merit or higher in AS91027 Algebra external in Mathematics.

Introduction

IB Chemistry is the study of the composition, properties, and reactions of matter, particularly at the level of atoms and molecules. It is the branch of science concerned with the investigation of the properties and reactions of substances, and the use of such reactions to form new compounds. In the process of studying such reactions and properties, the IB chemistry course serves to make links between both Physics and Biology. Students, as always, need to have inquiring minds, be able to face challenges, acknowledge and build upon achievements of others, be innovative and be prepared to take calculated risks in their problem solving.

Course Outline

The two year course comprises of:

- Quantitative Chemistry
- Periodicity
- Equilibrium
- Oxidation and reduction
- Uncertainty and error in measurement
- Atomic structure and bonding
- Energetics and kinetics
- Acids and bases
- Organic Chemistry
- Plus an additional option topic

Assessment

Internal Assessment is an integral part of the course and is compulsory for both HL and SL students. Each student will carry out an individual investigation enabling them to demonstrate the application of their skills and knowledge and to pursue their personal interests.

Assessment

Standard Level Assessment Group 4 Chemistry		
External Assessment		80%
Written Papers		
Paper 1	30 multiple choice questions on core content	20%
Paper 2	Short-answer questions and an extended answer question on the core	40%
Paper 3	Questions on core and SL option material	20%
Internal Assessment		20%

Higher Level Assessment Group 4 Chemistry		
External Assessment		80%
Written Papers		
Paper 1	40 multiple choice questions on core content	20%
Paper 2	Short-answer and extended response questions on the core and AHL material	36%
Paper 3	Questions on core, AHL and option material	24%
Internal Assessment		20%

Physics

Entry Requirement

NCEA Level 1 Science Endorsement with Merit or higher including Merit or higher in AS90940. NCEA Level 1 Mathematics with Merit Endorsement or higher including Merit or higher in Algebra AS91027.

Students who anticipate taking the advanced Higher Level (HL) course in Physics may find it an advantage to also have taken NCEA Level 1 Physics.

Introduction

IB Physics is offered at Standard Level (SL) and Higher Level (HL) and therefore accommodates students who wish to study Physics as their major subject in higher education along with those who have a strong interest in Physics.

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.

Through studying this course, not only will students expand their existing Physics knowledge, they will also develop and apply problem solving techniques, investigative skills as well as collaborative and communication skills.

Course Outline

The two year course comprises of:

- Mechanics
- Waves
- Atomic and Nuclear Physics
- Energy Production
- Thermal Physics
- Electricity and Electromagnetism
- Quantum Physics

Assessment

Students will be assessed externally and internally at both Higher and Standard Levels.

Assessment

Standard Level Assessment Group 4 Physics		
External Assessment		80%
Written Papers		
Paper 1	Multiple-choice questions based on the core topics	20%
Paper 2	Section A: Several short-answer questions on the core topics Section B: Extended-response questions on the core topics	40%
Paper 3	Several short-answer questions on experimental work and extended response questions from one option	20%
Internal Assessment		20%

Higher Level Assessment Group 4 Physics		
External Assessment		80%
Written Papers		
Paper 1	Multiple-choice questions based on the core and AHL topics	20%
Paper 2	Section A: Several short-answer questions on the core and the AHL topics (all compulsory) Section B: Extended-response questions on the core and the AHL topics	36%
Paper 3	Several short-answer questions on experimental work and extended response questions from one option	24%
Internal Assessment		20%

Contact: Mr J Naude

Group 5 (Mathematics)

To cater for all abilities, Group 5 offers two Mathematics courses: Analysis and Approaches (SL & HL); Applications and Interpretation (SL & HL).

Mathematics: Analysis & Approaches (SL & HL)

Entry Requirement

Students who have successfully completed Level 1 Mathematics endorsed with Merit or higher with at least a Merit grade in Algebra External Standard (91027 or 91028). Students who have successfully completed Level 2 Mathematics would be suitable to study this at higher Level

Introduction

This course caters for students with a very strong background in Mathematics who are competent in a range of analytical and technical skills.

- Emphasis on algebraic methods
- Develop strong skills in mathematical thinking
- Real and abstract mathematical problem solving
- For students interested in mathematics, engineering, physical sciences and some economics

Course Outline

Topics covered are

- Quadratic functions and equations
- Probability
- Exponential and log functions
- Rational functions
- Patterns
- Sequences
- Limits and derivations
- Descriptive Statistics
- Integration
- Bi-variate analysis
- Trigonometry
- Vectors
- Circular functions
- Calculus with Trigonometry functions
- Probability distributions

Assessment

Standard Level Assessment -Group 5 Mathematics Analysis and Approaches		
External Assessment		80%
Written Papers		
Paper 1 1.5 hours	No calculator allowed Section A - Compulsory short-response questions based on the syllabus Section B - Compulsory extended-response questions based on the whole syllabus	40%
Paper 2 1.5 hours	Graphic display calculator required Section A - Compulsory short-response questions based on the whole syllabus Section B - Compulsory extended-response questions based on the whole syllabus	40%
Internal Assessment		20%

Higher Level Assessment -Group 5 Mathematics Analysis and Approaches		
External Assessment		80%
Written Papers		
Paper 1 2 hours	No calculator allowed Section A - Compulsory short-response questions based on the syllabus Section B - Compulsory extended-response questions based on the whole syllabus	30%
Paper 2 2 hours	Graphic display calculator required Section A - Compulsory short-response questions based on the syllabus Section B - Compulsory extended-response questions based on the whole syllabus	30%
Paper 3 1 hour	Extended response problem solving questions based on the syllabus	20%
Internal Assessment		20%

Contact: Mr V Mitchell

Mathematics: Applications & Interpretation (SL & HL)

Entry Requirement

Students who have successfully completed Level 1 Mathematics with at least an Achieved grade in an Algebra External Standard (91027 or 91028). Students who have a Merit Endorsement in Level 1 Mathematics with at least a Merit grade in an Algebra External Standard (91027 or 910280) would be suitable to study this at Higher Level.

Introduction

This course caters for students who enjoy problem solving and real world applications of Mathematics.

- Emphasis on modelling and statistics
- Develop strong skills in applying mathematics to the real-world
- Real mathematical problem solving using technology
- For students interested in social sciences, natural sciences, medicine, statistics, business, engineering, some economics, psychology and design.

Assessment

Standard Level Assessment - Group 5 Mathematics - Applications and Interpretation		
External Assessment		80%
Written Papers		
Paper 1 1.5 hours	Graphic display calculator required Compulsory short-response questions based on the whole syllabus	40%
Paper 1.5 hours	Graphic display calculator required Compulsory extended-response questions based on the whole syllabus	40%
Internal Assessment - One mathematical exploration task		20%

Higher Level Assessment - Group 5 Mathematics - Applications and Interpretation		
External Assessment		80%
Written Papers		
Paper 1 2 hours	No calculator allowed Section A (60 marks) - Compulsory short-response questions based on the compulsory core of the syllabus Section B (60 marks) - Compulsory extended-response questions based on the compulsory core of the syllabus	30%
Paper 2 2 hours	Graphic display calculator required Section A (60 marks) - Compulsory short-response questions based on the compulsory core of the syllabus Section B (60 marks) - Compulsory extended-response questions based on the compulsory core of the syllabus	30%
Paper 3 1 hour	Extended - response questions based mainly on the syllabus option not within the core syllabus (60 marks)	20%
Internal Assessment - One mathematical exploration task		20%

Contact: Mr V Mitchell

Group 6 (The Arts)

Subject choices in Group 6 are Visual Art, Film Studies, Music.
Please note that a second subject from Groups 2, 3 or 4 may be selected instead of a Group 6 subject. Many students use this option to take another specialised subject so that they can meet university prerequisites.

Visual Art

Entry Requirement

- 18 credits in Level 1 Visual Art. The aims of the course are:
- To develop students contextual and content knowledge of Visual Art across time, place and cultures
 - Investigate a range of materials, processes and techniques
 - To develop perceptual and analytical skills
 - To encourage creative and divergent thinking, with ability to express ideas with confidence and competence
 - Become an informed, reflective and critical practitioner and observer of visual culture and media
 - Make personal and culturally relevant artworks
 - Develop a range of art making skills and techniques

Course Outline

- Year 1 topics**
- Practical workshops - taking into account core elements of Visual Art and Design

- Series of class briefs - individually interpreted to produce visual outcomes in a range of genre's and approaches, exhibited for reflection and critique
- Comparative Study - research and analysis of a range of art works and contexts with regard to the concepts and production of student's own work

Year 2 topics

- Individually proposed inquiry based projects that demonstrate understanding and practical skills, creative invention and knowledge of traditional and contemporary art making processes
- Individual and group exhibition, critiques of visited exhibitions, analysis of curatorial practice

Additional Course Costs

- A laptop computer with Photoshop installed
- A digital camera
- Art materials appropriate to the chosen media
- SD Card and external hard drive
- Annual subscription to Adobe Creative Cloud Suite (\$10 approx) organised by the College.

Assessment

Formative assessment/progress meetings through the school year will comprise of an evaluative and critical examination of student's progress with reference to the Diploma Assessment Schedule.

Assessment

Standard and Higher Level Assessment - Group 6 Visual Art	
External Assessment	60%
Comparative Study	20%
Process portfolio	40%
Internal Assessment	40%
Exhibition	40%

Contact: Mr R Stratton

Film Studies

Entry Requirement

19 credits in NCEA Level 1 Media in Society or 18 credits in NCEA Level 1 English.

Introduction

The Film Studies course at Standard and Higher Level aims to develop in students the skills necessary to achieve creative and critical independence in their knowledge, experience and enjoyment of film.

The aims are to promote:

- An appreciation and understanding of film as a complex art form
- An ability to formulate stories and ideas in film terms
- The practical and technical skills of production
- Critical evaluation of film productions by the student and by others
- A knowledge of film-making traditions in more than one country

Course Outline

IB Film Studies is both a powerful communication medium and an art form. The Film Studies course aims to develop students' skills so they become adept in both interpreting and making film texts.

Through the study and analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the point of view of different individuals, nations and cultures.

There is an expectation that students join the Film Society and 48 Hour Film Challenge in both years of the course.

Textual analysis: The detailed study of film sequences.

Film Theory and History: The study of films and film-making traditions from more than one country.

Creative process: Techniques and organisation of production. The development of creative, analytical and production skills within film-making.

Additional Course Costs

- 8GB SD Card

Film Studies continued overleaf

Film Studies continued

Assessment

Standard Level Assessment - Group 6 Film Studies		
External Assessment		50%
Independent Study	Rationale, script and list of sources for a short documentary production of 8–10 pages on an aspect of film theory and/or film history, based on a study of a minimum of two films. The chosen films must originate from more than one country Length of the rationale: no more than 100 words Length of the script: 8–10 pages	25%
Presentation	An oral presentation of a detailed critical analysis of a five-minute continuous extract from a prescribed film Maximum length of presentation: 10 minutes	25%
Internal Assessment		50%
Production Portfolio	One completed film project with accompanying written documentation: no more than 1,200 words Length of the film project: 4–5 minutes (including titles) Length of individual rationale for the film: no more than 100 words	50%

Higher Level Assessment - Group 6 Film Studies		
External Assessment		50%
Independent Study	Rationale, script and list of sources for a short documentary production of 12–15 pages on an aspect of film theory and/or film history, based on a study of a minimum of four films. The chosen films must originate from more than one country Length of the rationale: no more than 100 words Length of the script: 12–15 pages	25%
Presentation	An oral presentation of a detailed critical analysis of a five-minute continuous extract from a prescribed film Maximum length of presentation: 15 minutes	25%
Internal Assessment		50%
Production Portfolio	One completed film project with an associated trailer and written documentation encompassing and connecting both: no more than 1,750 words Length of the film project: 6–7 minutes (including titles) Length of the trailer: 40–60 seconds Length of individual rationale for the film: no more than 100 words ; of individual rationale for the trailer: no more than 100 words	50%

Music

Entry Requirement

20 credits or more in NCEA Level 1 Music (including at least 4 credits from External Standards) or at the discretion of the Head of Music if the student has passed Grade 5 practical and theory examinations (ABRSM, TCL or equivalent).

Introduction

IB Music provides students with the opportunity to explore a wide range of musical experiences through the presentation of solo and group performances, composition, listening assessments and the in-depth study of world music and its contexts throughout history.

Assessment

Standard Level Assessment Group 6 Music	
External Assessment	50%
Written Papers	
Music Links Investigation	20%
Listening Paper - World Set Work	10%
Listening Paper - unprepared extracts	20%
Internal Assessment	50%
In the IB Standard Level Internal Assessment students choose Solo Performance OR Group Performance OR Creating (Composition)	50%

Course Outline

All Standard and Higher Level music students complete external assessments covering:

- Listening skills (Examination)
- Musical investigation (Essay)

Standard Level students choose:

- Solo performance
- or Group performance
- or Composition

Higher Level students complete:

- Solo Performance
- Creating (Composition)

Higher Level Assessment Group 6 Music	
External Assessment	50%
Written Papers	
Music Links Investigation	20%
Listening paper - World Set Work	10%
Listening Paper - unprepared extracts	20%
Internal Assessment	50%
Creating (Composition)	25%
Solo Performance	25%

Theatre Arts

Entry Requirement

18 credits in NCEA Level 1 Drama - 14 internal and 4 external credits.

Introduction

IB Theatre Arts emphasises learning through experience and students will explore all areas of theatre in a hands-on environment. Students will gain skills in acting, directing, technical theatre and the business of theatre selecting an area and/or areas of interest to concentrate on in more depth examination.

It is crucial to understand that the IB Diploma Theatre Arts course remains a rigorous academic course despite it's exciting hands-on activity. Student performance (in both onstage and offstage capacities) within class productions is assessed stringently as a significant portion of regular grading. Students also regularly write critical reviews of productions they have experienced from an audience perspective and develop production notebooks detailing their creative vision for original productions of plays read in class and on their own.

Course Outline

At Higher Level the theatre core syllabus consists of three inter-related areas. Students are required to explore these three areas from the perspective of dramaturg, director, performer, group ensemble, production team and spectator.

Theatre in the Making

The focus of theatre in the making is on the process of theatre-making rather than the presentation of theatre. It encompasses the acquisition and development of all skills required to create, present and observe theatre. It is exploratory in nature.

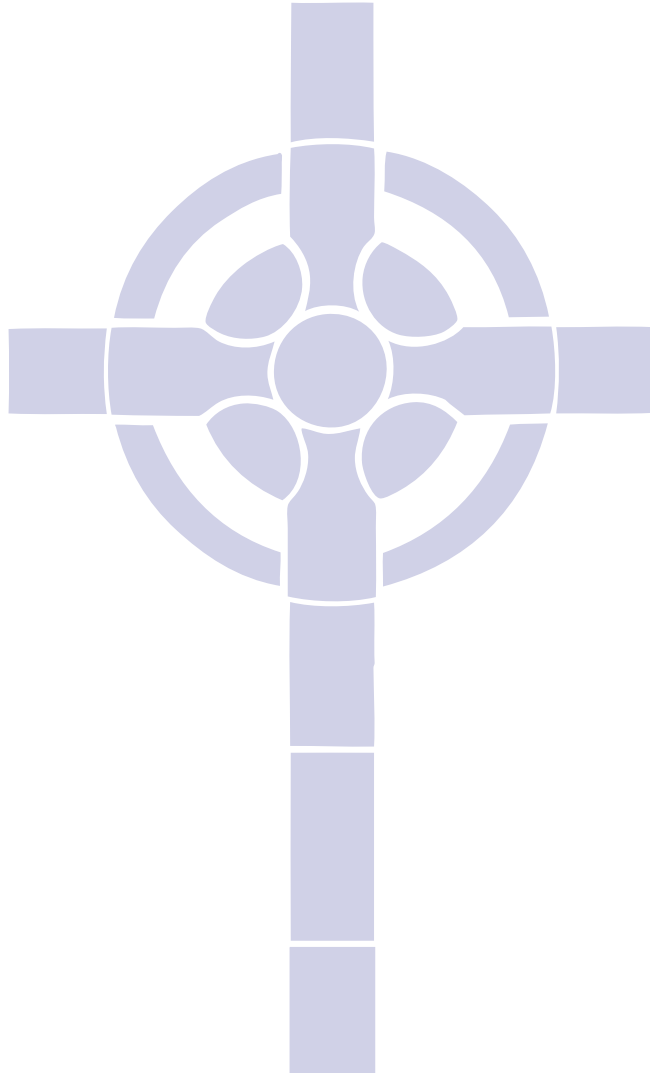
Theatre in Performance

The focus of theatre in performance is on the application of skills developed in theatre in the making. This involves students in various aspects of presenting theatre, where their practical skills can be applied in different roles (as performers and as part of the production team), while also building upon the knowledge they have acquired in other areas.

Theatre in the World

The focus of the theatre in the world is on a practical and theoretical exploration of a range of theatre traditions and cultural practices around the world. It allows students to explore the origins and traditions of a variety of theatre conventions and practices from diverse cultural and historical contexts.

Contact: Mrs J Acheson



Preparation for Tertiary Study

Saint Kentigern students are well prepared at the College to continue on to tertiary study. Most of our students go on to further their education at one of New Zealand's universities or polytechnics, with a growing number commanding advantageous places at universities overseas. Each year, a significant number of our students gain Scholarships to universities both at home and abroad.

Each of the main New Zealand tertiary institutions has a great deal of information on their own websites. Courses and course requirements change frequently so it is important to check their sites regularly.

For information regarding each University's recommended subjects please refer to the College Student Futures page on the OLE.

STUDY OVERSEAS

Study In Australia

Please check carefully the application requirements of your selected universities, particularly the requirements for completing an English course at an appropriate level. Some Australian universities require equivalent final secondary year study in English.

Study in Canada

<http://studyincanada.com>

Study In United Kingdom

www.ucas.com

For students unsure about their direction, there is a wealth of data on the Careers Services website, www.careers.govt.nz that seeks to match interests to possible suitable careers.

Further details about tertiary study or career direction can be discussed with Mrs Shaw in the Student Futures Office.

Study In The United States

The process of applying to study in the United States takes far longer to organise than the application process for study in New Zealand. It is recommended that you start 12-18 months before you plan to begin study in the United States.

Standardised tests are a requirement for entry into most United States universities. SAT tests are widely recognised for undergraduate college admissions.

www.collegeboard.com

SAT's

www.ncaa.org

Sports Scholarships, Rankings

Students who intend applying to the United States for a **SPORTING SCHOLARSHIP** need to ensure they study the required core subjects as requested by the NCAA, as only core courses are used in the calculation of the grade-point average.

New Zealand students must gain a minimum of the NCEA Level 1 and 2 Certificates including 15 credits in the core subject areas of English, Mathematics, Science (Biology, Chemistry, Physics) and Social Sciences (History, Geography and Economics). There is also a requirement for an additional 15 credits in an additional core subject area. The additional subject can be any of the 4 core subjects previously listed or it can be a foreign language.

For further information relating to overseas study please contact:

Mrs Sandra Shaw (Head of Student Futures)

Please note: Entry requirements to universities in New Zealand are reviewed annually. Guaranteed entry scores are published each year.

University Entry with NCEA

University Entrance (UE) will continue to be the minimum requirement for a bachelor degree at a New Zealand University or other tertiary provider.

NEW UNIVERSITY ENTRANCE REQUIREMENTS

Achievement of NCEA Level 3 Certificate	
Three approved subjects - at Level 3 or above, made up of <ul style="list-style-type: none"> 14 credits each, in three approved subjects. 	Subjects offered at Saint Kentigern College that are not approved for University Entrance: <ul style="list-style-type: none"> Financial Literacy Sports Leadership Travel and Tourism Any Level 3 Unit Standards
UE Literacy - 10 credits at Level 2 or above, made up of <ul style="list-style-type: none"> 5 credits in reading 5 credits in writing 	
UE Numeracy - 10 credits at Level 1 or higher from <ul style="list-style-type: none"> Achievement Standard - specified Achievement Standards available through a range of subjects, or Unit Standards - package of three numeracy unit standards (US26623, US26626 and US 26627 - all three are required) 	

University of Auckland English Requirement

In addition to the 5 credits in reading and 5 credits in writing as above, applicants to the University of Auckland must have gained a minimum of 17 credits in English at Level 2 and/or 3 in order to be offered an unconditional place.

Students should also note that these are minimum requirements and some courses will have a higher entrance requirement.

University Entry with The International Baccalaureate Diploma

For students studying the International Baccalaureate Diploma, the minimum standard of entry to a degree course at university is being awarded the Diploma with a minimum of 24 points and the core requirements for the Theory of Knowledge; Creativity, Action and Service; and the Extended Essay components of the course having been completed. An IB Diploma completed with English as Language A at either Higher or Standard Level and including any mathematics subjects satisfies the literacy and numeracy requirements for university entrance in New Zealand.

IB Diploma
24 Points



Successful completion of the Core Requirements:

- Theory of Knowledge
- Creativity, Action and Service
- Extended Essay

Students should also note that these are minimum requirements and some courses will have a higher entrance requirement. Selection into a particular course is based on the quality of results.

Please note: Entry requirements to New Zealand universities are reviewed annually. Guaranteed entry scores are published each year.

NCEA Ranking for Entry to the University of Auckland

For admission to the University of Auckland, all applicants must attain the minimum entry standard. Selection into a particular course is based on quality of your results – you will be given a ‘ranking.’

All applicants will be ranked according to their best 80 credits at Level 3 or higher over a maximum of 5 university approved subjects and a maximum of 24 credits per subject. The credits are weighted by the level of achievement attained.

- Any credits at ‘Excellence’ will be multiplied by 4
- Any credits at ‘Merit’ will be multiplied by 3
- Credits at ‘Achieved’ will be multiplied by 2

As an example:

- Students with 80 credits at Excellence would have a rank score of 320
- Students with 80 credits at Merit would have a rank score of 240
- Students with 80 credits at Achieved would have a rank score of 160

IB Diploma Ranking

The IB Diploma mark is not “ranked”. The IB Diploma mark is the “ranking”.

ENTRY REQUIREMENTS TO THE UNIVERSITY OF AUCKLAND	
For University Programmes that refer to Table A and/or Table B, use the table below	
Table A	Table B
Classical Studies	Accounting
English	Biology
Geography	Calculus
History	Chemistry
History of Art	Economics
Te Reo Māori or Te Reo Rangatira	Mathematics *
	Physics
	Statistics
	Digital Technologies #

* Cannot be used in combination with Calculus and/or Statistics
Assessment Standards numbered 91632 - 91642

Please note: Entry requirements to New Zealand universities are reviewed annually. Guaranteed entry scores are published each year.

Entry Requirements to the University of Auckland

Undergraduate Admission Requirements for School Leavers with University Entrance

This table indicates the rank score, subject/credit requirements and other requirements that will guarantee you admission to your programme in 2020. Please refer to University of Auckland – 2020 Undergraduate Prospectus for an explanation of NCEA and IB and how your rank score will be calculated. If you achieve the University Entrance Standard but do not achieve a rank score that will guarantee selection into the programme you wish to study, your application will be given individual consideration if places are available. Applicants for the Architectural Studies, Fine Arts, and Urban Planning programmes may require an interview.

Programme	NCEA (LEVEL 3)	IB
Bachelor of Advanced Science (Honours) (BAdvSci(Hons))	260	33
Bachelor Architectural Studies (BAS)	230 - A minimum of 16 credits in one subject from Table A and a minimum of 16 credits in one subject from Table B Subject to the qualitative evaluation of a portfolio of creative work and written statement.	31
Bachelor of Arts (BA) ¹	150	26
Bachelor of Commerce (BCom) ²	180 with a minimum of 16 credits in each of three subjects from Table A and /or Table B	27
Bachelor of Design (BDes)	180 with a minimum of 16 credits in one subject from Table A and a minimum of 16 credits in one subject from Table B	27
Bachelor of Dance Studies (BDanceSt)	150 Subject to the qualitative evaluation of a CV, written statement and an audition/interview	26
Bachelor of Education (Teaching) (Bed(Tchg)) ³	150 Subject to a satisfactory interview, police check and referees reports. (You may also be required to sit Literacy, Numeracy and IELTS assessments)	26
Bachelor of Education (Teaching English to Speakers of Other Languages) (BE(TESOL)) (Semester 2 intake only)	150	26
Bachelor of Engineering (Honours) (BE(Hons)) ^{4,5}	260 With 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics	33 with Mathematics and Physics at HL
Bachelor of Fine Arts (BFA)	150 Subject to the qualitative evaluation of a portfolio of creative works and written statement	26
Bachelor of Global Studies (BGlobalSt)	210 With a minimum of 16 credits in each of three subjects from Table A and/or Table B and/or the following languages: Chinese, Cook Island Maori, French, German, Japanese, Korean, Samoan, Spanish, Tongan.	28 ⁶
Bachelor of Health Sciences (BHSc)	250 With a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B	33
Bachelor of Laws (LLB (Part I))	Students must be offered a place in another Bachelor's degree. Students who gain entry to Law Part II can be admitted to the conjoint degree at that stage even if they were not in a conjoint previously.	

Please Note: Entry requirements to New Zealand universities are reviewed annually. Guaranteed entry scores are published each year.

Entry Requirements continued

PROGRAMME	NCEA (LEVEL 3)	IB
Bachelor of Music (BMus)	150	26
	Subject to the qualitative evaluation of a statement of: <ul style="list-style-type: none"> Creative Practice: Classical; Jazz; Popular Music - an audition portfolio⁸ Creative Practice: Composition - a composition portfolio⁸ 	
Bachelor of Nursing (BNurs)	230	31
	With a minimum of 18 credits in one subject from Table A and a minimum of 18 credits from one of Biology, Chemistry, Physics.	
Bachelor of Property (BProp) ²	180 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	27
Bachelor of Science (BSc) ⁷		
• Biomedical Science	280	33
• Food Science and Nutrition	200	28
• Exercise Science	200	28
• All other majors/specialisations	165	26
Bachelor of Social Work (BSW) ³	150	26
	Subject to a satisfactory police check; safety checks and referees' reports. Interviews may be required	
Bachelor of Sport, Health and Physical Education (BSHPE) ^{8, 3}	150	26
Bachelor of Urban Planning (Honours) (BUrbPlan (Hons))	230	31
	Subject to the qualitative evaluation of a written statement	

Please note: Entry requirements to New Zealand universities are reviewed annually. Guaranteed entry scores are published each year.

Conjoint Programmes

Applicants must achieve the greater of the two rank scores for their selected programmes and must meet the entry requirements for both programmes. Not all degree programmes have conjoint options.

PROGRAMME	NCEA (LEVEL 3)	IB
Bachelor of Advanced Science (Honours)	275	36
Bachelor of Arts conjoints	210	28
Bachelor of Commerce conjoints	210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	28
Bachelor of Design conjoints	210 with a minimum of 16 credits in one subject from Table A and a minimum of 16 credits in one subject from Table B	28
Bachelor of Engineering (Honours) conjoints ⁴	275 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics	36 with Mathematics and Physics at HL Level
Bachelor of Fine Arts conjoints	210 Subject to the qualitative evaluation of a portfolio of creative works and written statement	28
Bachelor of Global Studies (BGlobalSt)	210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B and/or the following languages: Chinese, Cook Island Māori, French, German, Japanese, Korean, Samoan, Spanish, Tongan.	28 ⁶
Bachelor of Health Sciences conjoints	250 with a minimum of 18 credits in one subject from Table A and minimum of 18 credits in one subject from Table B	33
Bachelor of Laws (Part I) conjoints	Satisfy the conjoint score for the other degree	
Bachelor of Music conjoints	210 Subject to the qualitative evaluation of: <ul style="list-style-type: none"> • Creative Practice: Classical - an audition portfolio • Creative Practice: Composition - a composition portfolio • Creative Practice: Jazz - an audition portfolio • Creative Practice: Popular Music - an audition portfolio 	28
Bachelor of Nursing conjoints	230 With a minimum of 18 in one subject from Table A and minimum 18 credits from one of Biology, Chemistry and Physics	31
Bachelor of Property conjoints	210 With a minimum of 16 credits in each of three subjects from Table A and/or Table B	28
Bachelor of Science conjoints	210	28
Applicants for the Bachelor of Medicine and Bachelor of Surgery (MBChB) must first complete Year 1 of either the BHSc or the BSc in Biomedical Science, or have completed another degree approved by the Faculty of Medical and Health Science.		
Applicants for the Bachelor of Pharmacy (BPharm) should first complete Year 1 of either the BHSc or the BSc in Biomedical Science (or an equivalent programme of study) or have completed another degree approved by the Faculty of Medical and Health Sciences.		
Applicants for the Bachelor of Optometry (BOptom) should first complete the set courses from the common year of the BSc in Biomedical Science (or equivalent) or have completed another degree approved by the Faculty of Medical and Health Sciences.		

Please note: Entry requirements to universities in New Zealand are reviewed annually. Guaranteed entry scores are published each year.

Conjoint Programmes continued overleaf

Conjoint Programme continued

1. Maori and Pacific applicants and applicants from other Equity target groups (including those from refugee backgrounds, low socio-economic backgrounds and applicants with declared disabilities) applying based on NCEA or CIE (taken in New Zealand) who achieve the University Entrance (UE) Standard and a rank score of 120 - 149 will be admitted to the Bachelor of Arts (BA) through the Targeted Admission Scheme. Other applicants with UE and rank scores from 130 - 149 will be considered for conditional admission to the BA. Equity applicants with rank scores of 119 or less and all other applicants with rank scores of 129 or below will be referred to an appropriate foundation programme. Applicants with IB 24 – 25 will be considered for conditional admission to the BA.
2. For more information on the Targeted Admission Scheme for Business School programmes see www.business.auckland.ac.nz/tas
3. Maori, Pacific, students with disabilities, students from refugee backgrounds and students from low social-economic backgrounds who achieve the UE Standard and meet other requirements will be admitted to the programmes in the Faculty of Education & Social Work through the Targeted Admission Scheme.
4. For IB students, SL Mathematics and Physics may be accepted based on the level of grade achieved.
5. The Faculty of Engineering will give consideration to students who missed out on admission to BE(Hons) who are able to demonstrate sufficient ability in engineering-related and approved study in the Bachelor of Science (BSc) programme for admission in Semester 2. Please see <http://engineering.auckland.ac.nz/behons-alt-pathway> for more information
6. An audition portfolio can include evaluations of one or more recorded and/or live performance elements. www.creative.auckland.ac.nz/apply-music
7. Maori and Pacific applicants with an NCEA rank score greater than or equal to 140 (IB 25) and a minimum of 14 credits in at least two subjects from Table A or B will be admitted to the BSc with the exception of majors in Biomedical Science, Food Science and Nutrition or Exercise Sciences. Applicants from Equity target groups (including those from refugee backgrounds, low socio-economic backgrounds and applicants with disabilities) with an NCEA rank score greater than or equal to 140 (IB 25) will be ranked on the basis of academic merit. Maori and Pacific applicants with an NCEA rank score less than 140 will be conditionally admitted to the BSc dependant on successful completion of the Certificate in Academic Preparation (passing all courses).

Please note: Entry requirements to universities in New Zealand are reviewed annually. Guaranteed entry scores are published each year.

Notes:

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

The background is a detailed pencil sketch of a school building. On the left, there's a wall with a large cross emblem. The cross has a central circle and four smaller circles at the ends of its arms. Below the cross is a banner with the Latin phrase 'FIDES SERVANDA EST'. To the right of the wall is a large window with a grid pattern. In the foreground, there are some low stone blocks or steps.

SENIOR COLLEGE COURSE HANDBOOK

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