

JHC

JAMES HARGEST COLLEGE KEEP FAITH



Year 11, 12 and 13 Subject Outlines 2027

Our Senior programme offers:

- Challenges for all students
- A high level of basic skill development
- A wide choice of subjects
- Opportunity to study at the Southern Institute of Technology and University level

Year 12



QUALIFICATIONS AVAILABLE

YEAR	NATIONAL AWARD	UNIT STANDARDS
13	New Zealand Scholarships National Certificate of Educational Achievement (NCEA) Level 3	In some subjects National Certificates can be achieved in full or part via Unit Standards Assessment
12	National Certificate of Educational Achievement (NCEA) Level 2	
11	Brigadier's Diploma	

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

- The assessment for each subject is made up of a number of Achievement Standards and/or Unit Standards. Some Achievement Standards are internally assessed and some are externally assessed. All Unit Standards are internally assessed. Each Standard generates a number of credits (generally between 2 and 6 credits) which make up the total for the subject.
- Achievement Standards are awarded grades of Not Achieved, Achieved, Achieved with Merit and Achieved with Excellence.
- Unit Standards are generally awarded grades of Not Achieved or Achieved.

NCEA LEVELS 2-3 CERTIFICATE ENDORSEMENT

Endorsement with Merit

For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.

Endorsement with Excellence

For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NQF as the certificate being awarded.

Course Endorsement (ie Subject Endorsements)

Students will receive an Excellence Endorsement if they gain 14 or more credits at Excellence level, while students gaining 14 or more credits at Merit (or Merit and Excellence) will gain a Merit Endorsement. For most subjects at least 3 of the 14 credits must be from internally assessed standards and 3 from external assessments. This is to demonstrate students are competent in both forms of assessment.

POLICIES

1. Students must enrol in a full time course, i.e. 6 subjects (Year 11 and 12) and 5 subjects (Year 13).
2. Students are to enter all standards in each subject.
3. Any course changes must be made by 1 March in consultation with the Dean. After this it will be at the Dean's discretion.

YEAR 11 - BRIGADIER'S DIPLOMA

This Diploma provides the framework against which students are now assessed in Year 11. It maintains and protects academic rigour, while incorporating wider holistic educational goals. Year 11 is an important year where students are gaining the skills and knowledge to achieve to the best of their ability in NCEA Level Two the following year.

Course of Study

Students will undertake three compulsory courses in English, Maths and Science. Students also select three additional specialist subjects from our wide range of options.

Diploma Structure

Each Subject counts towards the total academic score. The total maximum score per course is 100. The six scores are added to create a score out of 600. They are converted to a Diploma Level. The Diploma may also be endorsed with important aspects such as Sports, Cultural or Āwhina contribution.

Assessment towards the Diploma:

This can consist of projects, presentations, tests, homework, examinations, checkpoints and planning materials. These will be dependent on the course. Assessments contribute to a total score for the course. Attendance and Hargest Way Grades also form part of the data used to determine which level of the Diploma has been attained.

Academic Results	Diploma Level	Attendance requirement	Hargest Way Grades
	Beginning Te Kākano Tōtara  KĀKANO		
	Proficient Te Mātātīpu Tōtara  MĀTĀTĪPU		
	Advanced Te Kōhure Tōtara  KŌHURE	Less than 5% unjustified absences	Average Hargest Way Grades above 4
	Outstanding Te Māhuri Tōtara  MĀHURI	Less than 3% unjustified absences	Average Hargest Way Grades above 4.5
	 TŌTARA POUNAMU	No unjustified absence.	Average Hargest Way Grades of 5

SENIOR SUBJECTS FOR 2027

This information outlines subject choices for all students in Years 11, 12, 13 and beyond. When choosing your subjects, look back at what you have taken and enjoyed in the past, and look ahead to see that you will be able to take the subjects you want in the following years.

YEAR 11 STUDENTS 2027

1. All students will choose 6 subjects.**
2. All students must take a course in English, Mathematics and Science.
3. Students may continue with their two Year 10 option subjects and/or choose from the following subjects :

Accounting	Art	Culinary Arts
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	Health and Physical Education	History
Literacy	Media Studies	Music

Please read subject notes for conditions of entry.

**Students studying in the Cambridge class at Year 11 choose two optional subjects alongside their IGCSE classes

YEAR 12 STUDENTS 2027

1. All students will choose 6 subjects.
2. All students must take English in their course.
3. A student may choose a subject providing they meet the entry requirements.
4. Subjects that you can study for the first time at this level if you meet the entry requirements are:

Accounting	Biology	Building and Construction
Business Studies	Chemistry	Childcare and Development
Classical Studies	Culinary Arts	Design
Design & Visual Communication	Digital Technologies (Beginners)	Drama
Economics	Electronics	ESOL
Fashion and Design	Food and Nutrition	Geography
Hard Materials Design	Health Education	History
Literacy	Mechanical Engineering	Media Studies
Music	Outdoor Recreation	Photography
Physical Education	Physics	Tourism
Transition Skills		

Please read subject notes for conditions of entry.

NB: University Entrance requires students to have:

- 5 Level 2 Credits in Reading and 5 Level 2 Credits in Writing
- 10 Level 1 or higher credits in Numeracy

Many other Tertiary institutions have similar requirements. Please check University/Polytechnic websites and/or talk to Careers staff for specific course entry requirements.

Note: If you have not yet gained Literacy and/or Numeracy you will need to ensure that your chosen course allows for this.

YEAR 13 STUDENTS 2027

1. All students will choose 5 subjects. The selection of a sixth subject is at the discretion of Deans and Mrs McDowall.
2. A student may choose a subject providing they meet the entry requirements.
3. Subjects that you can study for the first time at this level if you meet the entry requirements, and in consultation with Head of Department, are:

Biology	Chemistry	Classical Studies
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	History	Literacy
Media Studies	Music	Physical Education
Physics	Science	Tourism

Please read subject notes for conditions of entry.

CHOOSING SENIOR SUBJECTS

Where do I begin?

- Ask advice of Careers Advisers/Deans/Subject Teachers/Form Teachers/Whānau/Employers

www.tahatu.govt.nz has some great resources.

- Careers Interest Test
- Choosing NCEA subjects
- Future Studies Pathways

SUBJECT JOB MATCHER - MATCH JOBS WITH YOUR SCHOOL SUBJECTS

<https://www.moneyhub.co.nz/what-to-study.html>

And remember, not all subjects will necessarily lead to a promised career. By selecting a good range of subjects you will give yourself opportunities.

Year 10 Students 2026

Choose subjects from the Year 11 list.

Year 11 courses may include an Achievement Standard. All year 11 courses are designed to enable students to achieve NCEA Level Two in 2028.

Year 11 Students 2026

Choose subjects from the Level 2 list.

Look at Level 3 subjects.

Ask:

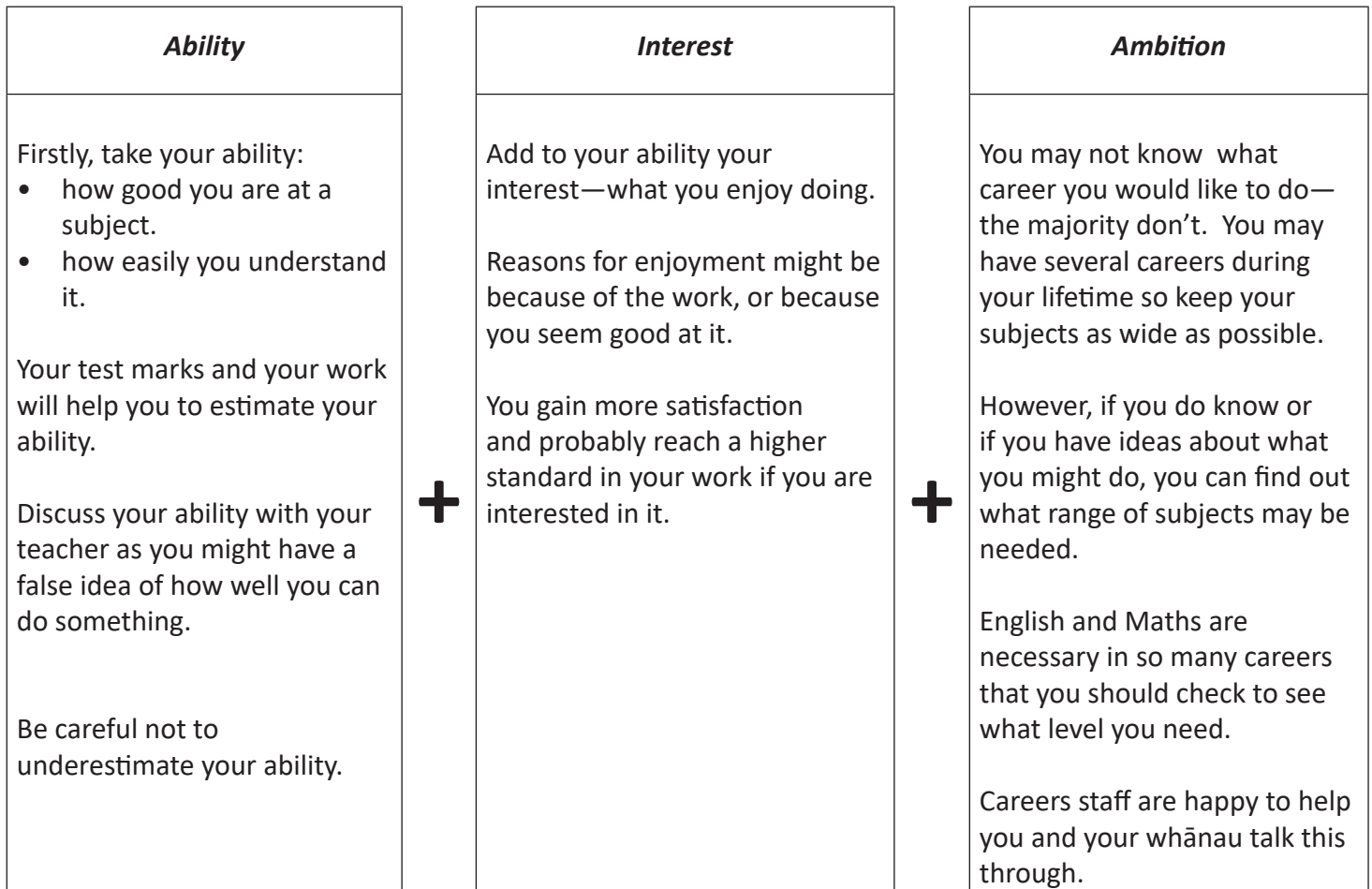
- Do I have enough subjects that continue to Level 3?
- Can I take a Level 3 subject without taking it at Level 2?

Year 12 Students 2026

Choose subjects from the Level 2 and Level 3 lists.

Keep your options open and consider University Entrance qualifications.

USE THIS FORMULA TO CHOOSE YOUR COURSE



LEADS TO



Subject choice

Go through the possible subjects listed. Take a note of possibilities and investigate those subjects thoroughly.

NB: COURSE CHANGES

Any course changes must be made by 1 March. After this, changes will be at the Dean's discretion.

If you need to create a timetable that includes subjects from other year levels or is specific to you in other ways, please email epickering@jameshargest.school.nz

Use the JHC website to access other year level booklets: <https://www.jameshargest.school.nz/subjects/>

QUALIFICATIONS

Exam entry fees are **not** listed under course descriptions as the school has no control over these. Currently only International Students pay NZQA fees.

LEVEL 2

National Certificate of Educational Achievement NCEA Level Two

For a student to be awarded NCEA Level 2, they must achieve 60 credits at Level 2 or higher, plus 20 credits of approved Literacy and Numeracy credits.

LEVEL 3

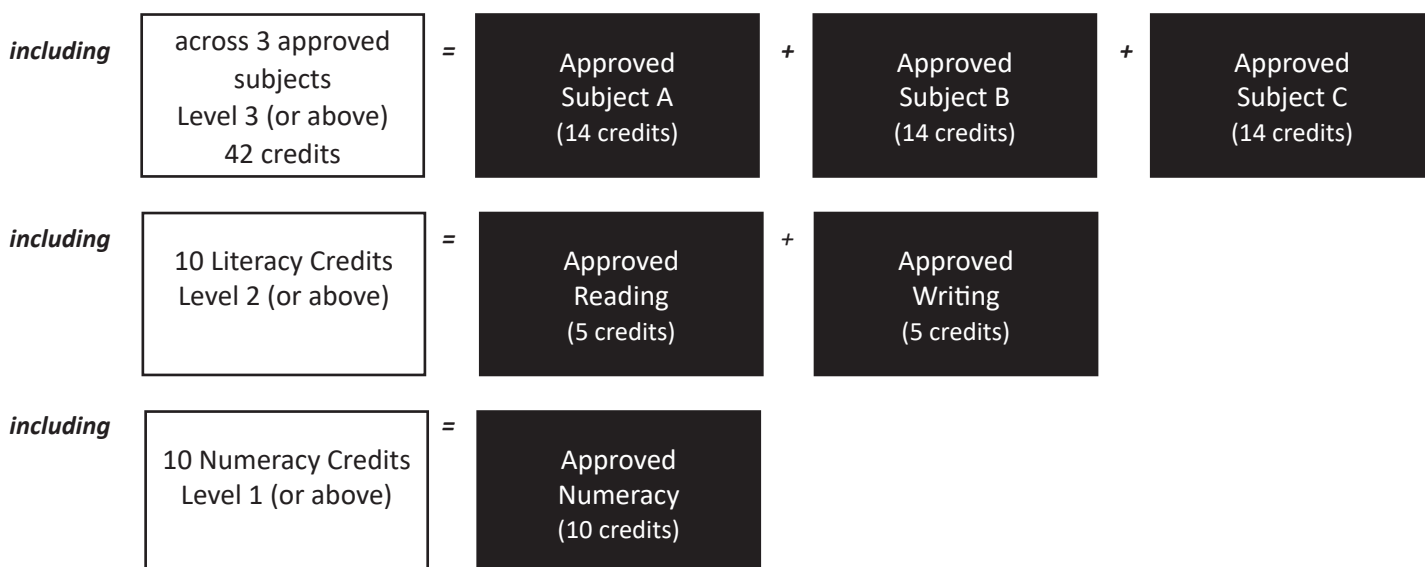
National Certificate of Educational Achievement NCEA Level Three

For a student to be awarded NCEA Level 3, they must achieve 60 credits at Level 3 or higher, plus 20 credits of approved Literacy and Numeracy Standards.

Minimum University Entrance 2027

National Certificate of Educational Achievement Level 3 (80 credits)

(Must achieve 60 credits at Level 3 and the corequisites must also be achieved.)



Each university may choose to rank students according to their Level 2 and Level 3 results depending on the numbers they have applying. Please check the university websites for their latest updates. Some universities have additional criteria for specific courses especially around Science and English credits.

NB: If a Special Assessment Conditions assistant is used as a writer, the credits obtained do not count for Literacy Writing.

University Entrance Approved Subjects that are offered at James Hargest College:

Accounting	Fashion and Design	Painting (Practical Art)
Biology	Food and Nutrition	Photography (Practical Art)
Chemistry	French	Physical Education
Classical Studies	Geography	Physics
Design (Practical Art)	History	Print Making (Practical Art)
Design & Visual Communication	Japanese	Science
Digital Technologies	Mathematics	Spanish
Drama	Mathematics with Calculus	Statistics
Economics	Media Studies	Te Reo Māori
English	Music	

UE can be approved individually in Biology, Chemistry, Physics and Science OR UE can be approved for one subject, also called Science, if 14 credits are gained overall from any combination of Biology, Chemistry, Physics and Science. Eg UE could be awarded for 14 credits gained in Chemistry AND for 14 credits gained from Biology and Physics. UE can be approved individually in Calculus, Statistics and Mathematics OR UE can be approved for one subject also called Mathematics if 14 credits are gained overall from a combination of Statistics and Calculus.

YEAR 12

YEAR 12 STUDENTS 2027

1. All students will choose 6 subjects.
2. All students must take English in their course.
3. A student may choose a subject providing they meet the entry requirements.
4. Subjects that you can study for the first time at this level if you meet the entry requirements are:

Accounting	Biology	Building and Construction
Business Studies	Chemistry	Childcare and Development
Classical Studies	Culinary Arts	Design
Design & Visual Communication	Digital Technologies (Beginners)	Drama
Economics	Electronics	ESOL
Fashion and Design	Food and Nutrition	Geography
Hard Materials Design	Health Education	History
Literacy	Mechanical Engineering	Media Studies
Music	Outdoor Recreation	Photography
Physical Education	Physics	Tourism
Transition Skills		

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Note: If you have not yet gained Literacy and/or Numeracy you will need to ensure that your chosen course allows for this.

Year 12

The Arts - Visual Arts	
Design	34
Painting	34
Photography	35
Printmaking	36
Arts - Performing Arts	
Drama	37
Music	38
English	
L2ENA English	39
L2ENB English	39
L2ENC English	40
L2ENL English	40
English for Speakers of Other Languages (ESOL)	41
Health & Physical Education	
Health Education	42
Physical Education	42
Languages	
French	44
Japanese	44
Spanish	45
Te Reo Māori	45

Mathematics & Statistics	
L2MXA	47
L2MXG	47
L2MXB	48
Science	
Biology	49
Chemistry	49
Physics	50
Science	51
Social Sciences	
Accounting	52
Business Studies	52
Classical Studies	53
Economics	54
Geography	54
History	55
Media Studies	55
Tourism	56
Technology - Food & Fabrics	
Childcare and Development	57
Culinary Arts	57
Fashion and Design	58
Food and Nutrition	59

Technology - Digital	
Digital Technologies: Beginners	60
Digital Technologies: Media	60
Digital Technologies: Programming	61
Technology - Hard Materials	
Design & Visual Communication	62
Hard Materials Design	62
Building & Construction	63
Electronics	64
Mechanical Engineering	64
Other	
Literacy	66
Outdoor Recreation	66
Transitions	68
Cambridge AS	
Cambridge AS Biology	69
Cambridge AS Chemistry	69
Cambridge AS English Language	70
Cambridge AS Mathematics	71
Cambridge AS Physics	71

THE ARTS - Visual Arts

Design

Entry Requirements

Open

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (8 credits)

1 External Achievement Standard (12 credits)

Cost

Folio cost \$9 Folio printing \$50

Adobe licence \$9 with compatible device.

Course Description

Students learn through and about the various forms and processes of the Visual Arts.

2.2 Use drawing methods to apply knowledge of conventions appropriate to design (4 credits internal).

2.3 Develop ideas in a related series of drawings appropriate to established design practice (4 credits internal).

2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design (12 credits external).

2.5 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions (4 credits internal).

Painting

Entry Requirements

Open

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (8 credits)

1 External Achievement Standard (12 credits)

Cost

\$9 Folio card.

\$20.00 Paper card and mediums.

Course Description

Students learn through and about the various forms and processes of the Visual Arts.

2.2 Use drawing methods to apply knowledge of conventions appropriate to painting (4 credits internal).

2.3 Develop ideas in a related series of drawings appropriate to established painting practice (4 credits internal).

2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within painting (12 credits external).

Photography

Entry Requirements

Open

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (8 credits)

1 External Achievement Standard (12 credits)

Cost

\$9 Folio card. Photography board printing \$45 approximately + SD card (\$20)

Adobe licence \$9 with compatible device.

Course Description

Students learn through and about the various forms and processes of the Visual Arts.

2.2 Use drawing methods to apply knowledge of conventions appropriate to design/painting/photography/printmaking (4 credits internal).

2.3 Develop ideas in a related series of drawings appropriate to established design/painting/photography/printmaking practice (4 credits internal).

2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design/ painting/photography/ printmaking (12 credits external).

2.5 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions (4 credits internal).

Printmaking

Entry Requirements

Open

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (8 credits)

1 External Achievement Standard (12 credits)

Cost

\$40 Printmaking materials and tools. \$9.00 Folio card

Course Description

Students learn through and about the various forms and processes of the Visual Arts.

2.2 Use drawing methods to apply knowledge of conventions appropriate to printmaking (4 credits internal).

2.3 Develop ideas in a related series of drawings appropriate to established printmaking practice (4 credits internal).

2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within printmaking (12 credits external).

ARTS - Performing Arts

Drama

Entry Requirements

Year 11 Drama or at the discretion of the Head of Department.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (14 credits)

1 External Achievement Standard (4 credits)

Cost

Course Description

Research reveals the positive impact of Drama on a student's physical, emotional, social and cognitive development. Studying Drama will equip you with a range of skills such as self-confidence, imagination, empathy, co-operation, concentration, communication, problem solving and self-discipline. The skills of Drama are relevant to a variety of fields in school, career and life. Drama gives you the opportunity to express yourself.

Students will study theatre from a theoretical and practical viewpoint gaining an understanding of effective performance skills and theatre analysis. They will apply drama techniques in a dramatic context and devise and perform a drama.

Please note the following: There is a written component to this course.

All internal standards require portfolio work to be completed in order for credits to be obtained.

No standard is reliant on performance alone.

Music

Entry Requirements

If new to the subject at Year 12, students must have some musical theory knowledge and be able to play at least one instrument (including singing). Approval from the Head of Department is required to ensure their suitability. As part of this course, if the performance pathway is selected, students must be taking regular lessons in their chosen performance instrument/s or singing (either privately, or through the Itinerant Music Scheme) as performance is a large component of the course.

Qualifications

NCEA Level 2

Assessment

Internal Achievement Standards (up to 23 credits).

1 Unit Standard (3 credits) offered.

1 External Achievement Standard (4 credits) offered.

Exact credits will depend on the pathway selected.

Cost

Course Description

Music is a strong means of communication that allows people to express themselves in many ways, both as an individual and as part of a group. Music develops self-confidence and enables people to share ideas and skills in a variety of contexts. Students with musical ability are keenly sought after in teaching, performance work, research, event and festival management, and production areas. A student who studies the disciplines of Music proves to be well-rounded and shows aptitude across curricula.

Year 12 Music allows students to specialise in Performance or Songwriting/Composition or both and what they choose will determine the other standards they complete. Course content options include:

- Performance (solo, group, second instrument)
- Songwriting/Composition
- NZ Music Research
- Music technology software
- Score reading (theory)

ENGLISH

L2ENA English

Entry Requirements

- Passed the external, especially with Merit or Excellence (M5, M6, E7, E8)
- M5 or above for 3 out of 4 English assessment tasks for Brigadier's Diploma
- Completion of all other main tasks in English (eg. Oral History, Documentary) except for illness – Pleasing Progress
- Achieved the literacy co-requisites OR at the discretion of the HOD English

Qualifications

NCEA Level 2

Assessment

Maximum of 21 credits from:

3 Internal Achievement Standards (13 credits)

2 External Achievement Standards (8 credits)

Cost

Course Description

This course continues to build upon your work in Year 11, at Level 7 of the New Zealand Curriculum. The texts and language studied are more demanding than in Year 11. Success in this course is determined by fluent writing, perceptive reading, and more independent learning.

L2ENB English

Entry Requirements

- Genuine attempt of or passed the external (N2, A3, A4)
- A4 or above for 3 out of 4 English assessment tasks for Brigadier's Diploma
- Completion of most other main tasks in English (eg. Oral History, Documentary) except for illness – Steady Progress
- May not have achieved both of the literacy co-requisites
OR at the discretion of the HOD English

Qualifications

NCEA Level 2

Assessment

Maximum of 21 credits from:

- 4 Internal Achievement Standards (17 credits)
- 2 External Achievement Standard (8 credits)

Cost**Course Description**

Students in this course gain their credits through internally assessed writing, reading and visual standards. They must independently read texts at Level 7 of the curriculum.

L2ENC English

Entry Requirements

- Didn't attempt or did not pass the external, absent, void, N0, N1, N2
 - A3 or less for 3 out of 4 English assessment tasks for Brigadier's Diploma
 - Completion of all other main tasks in English (eg. Oral History, Documentary) to a limited standard
 - May not have achieved either of the literacy co-requisites
- OR at the discretion of the HOD English

Qualifications

NCEA Level 2 (supporting to gain UE Literacy is the focus of this course)

Assessment

14 credits from:

- 2 Internal Achievement Standards (10 credits)
- 1 External Achievement Standards (4 credits)

Cost**Course Description**

This course is designed to support students for whom English is incredibly difficult and they haven't found a lot of success to date. There will be a lot of scaffolded support and the emphasis will be on gaining UE literacy to support the wider timetable of the student.

L2ENL English

Entry Requirements

Year 11 Course or at the discretion of the Head of Department. On occasion Year 11 students are considered for this course based on their Year 10 course. Often, this course is appropriate for International Students.

Qualifications

NCEA Level 1 or NCEA Level 2

Assessment

4 Internal Achievement Standards

Level 1 (13 credits)

OR

2 Internal Achievement Standards

Level 2 (13 credits)

There may be opportunities to sit at least ONE External Achievement Standard (4 credits)

Cost**Course Description**

This course is designed for students who require qualifications in English in order to meet the requirements for UE literacy. There is an emphasis on writing and oracy. The course allows for flexibility for students so they can achieve at their own level.

English for Speakers of Other Languages

Entry Requirements

At the discretion of the Teacher in Charge of ESOL. ESOL students who still have to pass at least one of their Literacy standards.

Qualifications

NCEA Level 2

Level 1 Literacy

Assessment

English Language Unit Standards Levels 2 and 3

Level 1 Literacy Standards

Cost**Course Description**

The course is designed to further develop the listening, speaking, reading and writing skills of English Language Learners. Emphasis is given to the academic language used in senior subjects. Students are also supported to gain their Literacy credits.

HEALTH AND PHYSICAL EDUCATION

Health

Entry Requirements

It is strongly recommended that you have done Year 11 Health and Physical Education or at the discretion of the Head of Department - Health and Physical Education.

Qualifications

NCEA Level 2

Assessment

Two internal and two external assessments at NCEA Level 2.

Cost

Approximately \$25 for write on workbook

Course Description

This course provides further opportunities to extend knowledge and understanding in Health Education, and builds naturally on many aspects of Year 11 Health and Physical Education. It is suitable for those looking for a people oriented career pathway. Increasingly there are many job opportunities in the health sector such as guidance, social work, occupational therapy and nursing.

This course will involve a more detailed investigation into aspects of Health Education and its impact on both the individual and society.

While the focus of Year 11 was primarily the individual, Level 2 has strong community/society emphasis.

Level 2 Health has a strong focus on adolescent health issues such as body image; drug use/abuse; safety in relationships including abuse/harassment/discrimination; mental health including stress and change, loss and grief; sexuality and social justice. This knowledge is extended into taking action to enhance well-being (a concept considered in Year 11).

Physical Education

Entry Requirements

Year 11 Health and Physical Education and a passing grade in Sport Science is considered essential.

At the discretion of the Head of Department Physical Education with good supporting grades in Year 11 English and Science.

Qualifications

NCEA Level 2

Assessment

All internally assessed Achievement Standards

Cost

May involve costs of approximately \$150. This includes out of school venue hire, transport, professional coaching and write on student workbook.

Course Description

Physical Education is the study of human movement and the role and significance of physical activity in society. It takes knowledge of the human body and applies it to a number of sporting contexts, as well as personal development. This course leads to many opportunities in sport, recreation, leisure and the health industry. A large number of our students use this subject as a springboard to medicine, physiotherapy, occupational therapy, sport science and teaching. This course is theory orientated with practical work supporting theory work.

L2PED will involve a more detailed investigation into aspects of physical education, sport, the individual and society.

The course consists of modules in:

- Sports Science and Skill Development (Anatomy, Biomechanics and Skill Learning Theory)
- Olympic History
- Leadership and Teaching in Primary Schools
- Participate in two practical opportunities assessed against National practical standards.

LANGUAGES

French

Entry Requirements

Achieved Year 11 French Evidence Exams and NCEA Level 1 French Achievement Standard or at the discretion of the HoD of Languages.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (14 credits)

2 External Achievement Standards (10 credits)

Cost

Grammar Book \$35 (if not previously purchased)

Course Description

This course is combined with Level 3 with a focus on speaking, listening, reading and writing in preparation for NCEA assessment. Topics include exploring Francophone countries, plans for future study and employment, environment, film study, giving and receiving advice, including health issues. There is a set of vocabulary and grammar to learn and be familiar with. This will be covered throughout the year. Extension opportunities include speech competitions, Education Prefect language championships and the French exchange (if possible).

Japanese

Entry Requirements

Achieved Year 11 Japanese Evidence Exams and NCEA Level 1 Japanese Achievement Standard or at the discretion of the HoD of Languages.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (14 credits)

2 External Achievement Standards (10 credits)

Cost

Course Description

This course will cover more vocabulary, advanced sentence structures and kanji using the four language skills; reading, writing, listening and speaking. Possible topics which will be studied are Family Life, Eating & Drinking, The Japanese School System, Leisure, Tūrangawaewae and Hapori.

Spanish

Entry Requirements

Achieved Year 11 Spanish Evidence Exam and NCEA Level 1 Spanish Achievement Standard, or at the discretion of the HoD of Languages.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (14 credits)

2 External Achievement Standards (10 credits)

Cost**Course Description**

Students will continue with their study of Spanish from Year 11 and will learn a much wider range of vocabulary and more complex grammatical structures. We study topics such as Teenagers' Issues, Future Plans and Travel. There is also the opportunity to participate in STANZA National Speech Competition, Education Perfect Language Championships and a Spain Trip with a home stay for a month if possible.

Te Reo Māori

Entry Requirements

Achieved Year 11 Te Reo Māori Evidence Exams and NCEA Level 1 Te Reo Māori Achievement Standard, or at the discretion of the HoD of Languages.

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (12 credits)

2 External Achievement Standards (12 credits)

Te Reo Māori Level 2 Unit Standards (optional) (20 credits)

Cost

Course Description

We aim for students being able to demonstrate their

- competence in the use of oral Te Reo Māori (speaking and listening)
- competence in writing Te Reo Māori
- ability to comprehend written Te Reo Māori
- ability to research and present information in Te Reo Māori
- good understanding of Tikanga Māori
- an awareness of Te Ao Māori and Tikanga Māori

MATHEMATICS AND STATISTICS

L2MXA

Entry Requirements

- AS 91945 (1.4) Mathematical Methods - Merit or Excellence or
- AS91947 (1.2) Mathematical Reasoning - Merit or Excellence
- Algebraic methods (MCAT) - Merit or Excellence
- Other summatives: at least Achieved in 2 other assessments

Note: Summative and Achievement Standard “passes” may be obtained in the summative assessment, the September exams or in the NZQA exam in November.

Qualifications

NCEA Level 2

Pathway to all L3 Calculus and Statistics courses

Assessment

Internals: Trigonometry (2.4), Graphs (2.2) - 13 Credits

Externals (including summative): Probability (2.12), Calculus (2.7), Algebraic methods (2.6) - 7 Credits

Cost

Homework and Revision Resources approximately \$30

Course Description

The content builds on that of Year 11 and is a natural progression from 11MXT. Algebra, graphs, trigonometry and probability are all extended. Calculus, a powerful mathematical tool, is introduced. Homework is set regularly. It is essential to have a graphics calculator. Success in this course will enable students to study Level 3 Calculus or Level 3 Statistics.[Essential for Engineering Degrees.]

The content builds on that of Year 11 and is a natural progression from 11MXT. Algebra, graphs, trigonometry and probability are all extended. Calculus, a powerful mathematical tool, is introduced. Homework is set regularly. It is necessary to have a graphics calculator. Success in this course will enable students to study Level 3 Calculus or Level 3 Statistics. This course is essential for those wished to consider an Engineering degree.

L2MXG

Entry Requirements

- AS 91945 (1.2) Mathematical Methods - Merit or Excellence or
- AS91947 (1.4) Mathematical Reasoning - Merit or Excellence or
- Level 1 General Mathematics - Merit or Excellence or
- Algebraic methods (MCAT) - Achieved, Merit or Excellence
- Other summatives: at least Achieved in 2 other assessments

Note: Summative and Achievement Standard “passes” may be obtained in the summative assessment, the September exams or in the NZQA exam in November.

Qualifications

NCEA Level 2

Pathway to Level 3 statistics

Limited pathway (Excellence) to Calculus

Assessment

Internals: Trigonometry (2.4), Coordinates (2.1), Systems of equations (2.14), Simulations (2.13) – 10 Credits

Externals (including summative): Probability (2.12), Calculus (2.7) – 9 Credits

Cost

Homework and Revision Resources approximately \$30

Course Description

This is a balanced Mathematics and Statistics course providing pathways to courses aligned with engineering and medicine at polytechnic and university. Students taking this course are required to have a graphics calculator.

L2MXB

Entry Requirements

- Numeracy co-requisite passed
- AS91947 (1.2) Mathematical Reasoning - Achieved, Merit or Excellence or
- Level 1 General exam - Achieved, Merit or Excellence
- Other summatives: at least Achieved in 2 other assessments

Note: Summative and Achievement Standard “passes” may be obtained in the summative assessment, the September exams or in the NZQA exam in November.

Qualifications

NCEA Level 2

Pathway to Level 3 Statistics (B)

Limited pathway (Excellence) to Level 3 Statistics (A)

Assessment

Internals: Networks (2.5), Coordinate Geometry (2.1), Sequences (2.3) Simulations (2.12), Trigonometry (2.4) – 13 Credits

Externals (including summative): Probability (2.12) – 4 Credits

Cost

Write on workbooks approximately \$30

Course Description

The content builds on that of Year 11. Students taking this course are required to have a graphics calculator. Homework and assignments are set regularly.

Success at this level leads to Level 3 Statistics. It is also a requirement for many polytechnic courses.

SCIENCE

Biology

Entry Requirements

It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include the Living World: Genetics evidence examination.

Qualifications

Level 2 NCEA

Assessment

3 Internal Achievement Standards (11 credits)

2 External Achievement Standards (8 credits)

Cost

Students will be required to pay for write on course materials

Course Description

Biology is for you if you are interested in living things (including humans) and wish to learn more about how they function and interact or if you wish to follow a career in Nursing, Forestry, Agriculture, Veterinary Science, Fisheries, Medicine, Conservation, Biochemistry, Dentistry, Psychology, Health Sciences or many others.

The course offers an introduction to Biology by covering a range of topics including community ecology, practical investigations, adaptation of plants or animals to their way of life, gene expression and genetic variation and change.

A range of activities including, Practical Investigations, Field surveys, Research and Reporting.

Chemistry

Entry Requirements

It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include a Material World assessment or at the discretion of the Teacher in Charge.

Qualifications

Level 2 NCEA

Assessment

3 Internal Assessments (AS91163, AS91167 and AS91911) and 2 External Assessments (AS91164 and AS91165)

Cost

Students will be required to pay for write on course materials.

Course Description

Throughout the history of the human race, people have struggled to make sense of the world around them. Through Chemistry we have gained an understanding of the matter which makes up our world and of the interactions between particles on which our world depends.

Modern society looks to chemists to produce, amongst many things, medicines to heal, pesticides and fertilisers to ensure better crops and chemicals for the many synthetic materials produced in the 21st century. It also looks for an academic understanding of how matter works and how the environment might be protected from the damage humans have caused.

Fortunately Chemistry holds many of the answers.

The curriculum focus of this course includes atomic structure and bonding; energy in reactions; rates of reaction; equilibrium; acids and bases; organic chemistry; oxidation and reduction, and the analysis of substances to measure concentration levels of different chemicals.

This course is intended to prepare students for Level 3 Chemistry and potentially study at university. It is designed to develop understandings of chemical concepts, knowledge and skills, and also to develop technical competency in handling glassware and some hazardous chemicals.

Physics

Entry Requirements

It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include a Physical World assessment or at the discretion of the Teacher in Charge. A passing standing in the Mathematics T or G course at Year 11 is also recommended.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (maximum 10 credits)
2 External Achievement Standards (maximum 12 credits)

Cost

Write on workbooks approximate cost

Course Description

In Physics you will learn about the world of matter and energy from a scientific point of view. If you are thinking about a career in aviation, engineering, electronics, health sciences, telecommunications, surveying, architecture, pharmacy, and so on, then Physics could be an important subject for you.

- Carry out a practical physics investigation that leads to a non-linear mathematical relationship
- Demonstrate understanding of waves, which includes the study of lenses, mirrors and the behaviour of waves

- Demonstrate understanding of mechanics, which includes the study of straight line, projectile and circular motion, forces, energy and momentum
- Demonstrate understanding of atomic and nuclear physics, which includes the study of the atomic structure and radioactive decay
- Demonstrate understanding of electricity and electromagnetism, which includes the study of DC and static electricity, magnetism and the force on electrical charges in a magnetic field

Science

Entry Requirements

It is recommended that students have passing grades in a minimum of 3 of their topic assessments in Year 11 Science.

Qualifications

Level 2 NCEA

Assessment

5 Internal Achievement Standards (19 credits)

UE Literacy: Reading (8 credits), Writing (8 credits)

Cost

Course Description

Science is an essential part of modern life. This course will help students to understand the world better. It is the basis of a huge range of career options.

The Level 2 course is constructed for students interested in going into courses that lead into the trades or other courses run by institutes of technology. It will help keep options open for vocational career planning and will help students continue to develop their scientific literacy. Level 2 Science leads into the Level 3 Science course.

The curriculum focus of this course includes a mixture of Biology, Chemistry, Physics and Earth and Space Science.

The course is intended to prepare students to follow a career pathway through institutes of technology rather than university. Students will be eligible to take Level 3 Science if they gain a minimum of 12 credits from Level 2 Science.

SOCIAL SCIENCES

Accounting

Entry Requirements

Level 1 Numeracy and Literacy corequisites and successful in Yr 11 Accounting (pass the school exam)

OR

minimum Brigadier's Diploma - Advanced - Te Kōhure Tōtara

OR

entry with discretion from Teacher in charge, Accounting.

It is preferable to have a device that can run Microsoft.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement standards (11 credits)

2 External Achievement standards (9 credits)

Cost

Students can purchase an optional workbook at a cost of approx. \$20.

Course Description

This course looks at the processing of accounting information of a Sole Trader business. It looks at the day to day recording of information through to final reports such as Income Statements and Statements of Financial Position.

The course also looks at accounting systems that are operated for the efficient use and control of Accounts Receivables. Students will also gain practical experience in the use of an accounting software package to process accounting information.

Business Studies

Entry Requirements

Open entry, though a reasonable level of numeracy and literacy would be beneficial.

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (12 credits)

1 External Achievement Standard (4 credits)

Cost

Maximum of \$25 purchase of shares in a business enterprise.

Course Description

This course gives students an understanding of what a business does, and the implications for stakeholders of decision-making in business.

This is achieved by the setting up, running and liquidation of business through the Young Enterprise Scheme (YES), along with learning and applying business theory to a case study business of the student's choice. There is an expectation that students will run their YES business outside of school hours.

Classical Studies

Entry Requirements

It is strongly recommended that students have achieved consistently in Year 11 English, Year 11 History, or Year 11 Media Studies.

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (10 credits)

2 External Achievement Standards (8 credits)

UE Literacy: Reading (18 credits), Writing (8 credits)

Cost**Course Description**

Classical Studies is the study of the civilisations of Greece and Rome; two societies that are the 'cradles of Western Civilisation' and thus have a direct influence on modern New Zealand society.

Students will explore how social, political, artistic, and technological aspects of the classical world influenced the lives of ancient Greeks and Romans. They will also explore the links and lasting influences between the ideas and values of ancient Greeks and Romans and other cultures, analysing why they have enduring influence.

Topics from the following may be studied:

- 'Medea' by Euripides: Students will study this short play about a woman whose husband leaves her for another woman. It was written over 2,000 years ago, but many of the ideas are still relevant today.
- Classical vs Modern: In this internal assessment, students will examine the relationship between modern films or electronic games and stories from classical times.
- A Significant Event: In this assessment, students will choose and analyse a significant event of their own choice from classical times, such as the eruption of Mt Vesuvius or the Battle at Thermopylae.

Economics

Entry Requirements

Entry to Level 2 Economics is open but at the discretion of the teacher in charge. Students with skills in Mathematics and English are more likely to succeed.

Qualifications

NCEA Level 2

Assessment

2 Internal Achievement Standards (10 credits)

3 External Achievement Standards (12 credits)

Cost

Students will be asked to purchase write-on workbooks at a cost of around \$35

Course Description

The course aims to develop an understanding of a number of key economic issues that arise from market forces in the context of the NZ economy: Unemployment, Trade, Economic Growth and Inflation. These issues and government policy alternatives are explored through the use of economic models.

Geography

Entry Requirements

At the discretion of the Head of Department

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (11 credits)

1 Optional Achievement Standard (3 credits)

2 External Achievement Standards (8 credits)

Cost

Optional field trip, price to be confirmed

Course Description

This course extends the ideas developed at Year 11 and provides a foundation for study at Level 3. Although it is desirable for students to have completed the course at Year 11, it is quite possible for students to take Geography for the first time at this level.

Topics covered at this level are:

- Skills
- Natural Landscapes - Mackenzie Basin
- Urban Patterns - Murder in Chicago

- Global topic - Human Trafficking
- Contemporary Geographic issues - 1080
- Geographic research - Change

History

Entry Requirements

If new to subject at Level 2 entry is at the discretion of the Head of Department.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement standards (14 credits)

2 External Achievement standards (9 credits)

Cost

Course Description

The topics studied at Year 12 are predominantly overseas based topics and focus on historical forces that have shaped the world as we know it. The topics will also be used to equip you with the skills and knowledge you will need to complete the Achievement Standards.

There are three Internal Achievement Standards:

- An historical research topic based on primary and secondary sources (4 credits)
- Communication of the historical research topic (5 credits)
- Demonstration of understanding of different perspectives of an historical event (5 credits)

There are two External Achievement Standards:

- An essay examining the causes and consequences of an historical event (5 credits)
- A long answer paper examining historical sources (4 credits)

Media Studies

Entry Requirements

Priority entry will be given to students who have completed Year 11 Media Studies. Students who have not studied this subject previously may pick it up at Year 12 if places are available and at the discretion of the Teacher in Charge.

Qualifications

NCEA Level 2

Assessment

3-4 Internal Achievement Standards (13-16 credits)

1 External Achievement Standard (4 credits)

Including: UE Literacy - Writing (4 credits)

Cost

Potential Field Trip to Dunedin for Media Matters day (approx \$45-50)

Course Description

This course continues on from Year 11 Media Studies and continues to build on media knowledge and analysis. It is both a theory-based and practical subject.

Course content may include:

- Ethical issues in the media
- Analysing representations in the media
- Designing and producing a short silent horror film
- Examining how a genre operates in the media industry (e.g. the Superhero genre)

Tourism

Entry Requirements

There are no entry requirements for this course of study. However students will be expected to display the positive attitudes and enthusiasm necessary for a successful career in tourism.

Qualifications**Assessment**

Fully internal

Unit Standards (23 credits)

Cost

Service IQ Course Fee \$30

Field trip to Rakiura Stewart Island to explore and participate in tourism activities. Cost TBC

Course Description

The course includes the following topics:

- Demonstrate Knowledge of World Tourist Destinations
- Demonstrate Knowledge of Work Roles in Tourism
- Demonstrate Knowledge of Tourist Characteristics and Needs
- Demonstrate Knowledge of Destination NZ
- Describe and Compare Impacts of Tourism on the Physical Environment
- Explain the Importance of Māori Place Names
- Describe and Compare Social Impacts of Tourism

TECHNOLOGY - Food and Fabrics

Childcare and Development

Entry Requirements

Open

Qualifications

NCEA Level 2

Assessment

Fully internal

Level 2 Unit Standards (20 credits)

Cost

\$10 per year for take home materials

\$50 write on workbooks charge

Course Description

This course will be of interest to people who wish to work with young children or anticipate further training as a nanny, childcare worker or teacher. The course provides an introduction to early learning and life skills for young mokopuna/children. Topics include Health and well-being; Attachment behaviour; Patterns of development and learning; Basic care needs and practices; Food and Nutrition.

This course is theory-based using Plunket Unit Standards.

Culinary Arts

Entry Requirements

Open

A positive and co-operative attitude. All parts of the course are compulsory including written tasks, and a high standard of food preparation and presentation skills. Students will need to work under time pressure when preparing and presenting food.

Qualifications

NCEA Level 2

Assessment

Fully internal

Level 2 Hospitality Unit Standards (18 credits)

Cost

\$250 per year for food consumed/taken home

\$50 write on workbooks - to be issued in class.

Course Description

This course will be of interest to students wishing to follow a career in the area of food and cookery or continue study at Tertiary level to train as a chef. Competitions offer extension and the opportunity to express creative talents.

The course focuses on the practical skills of cookery and food presentation when used in the food industry. The unit standards gained are the foundation qualifications for people training to be chefs. Topics include: Knife skills; Food Safety and Hygiene (Unit Standard 167); Grilling; Salads; Sandwiches; Frying; Steaming, Fruit and Vegetable Cuts.

Learning consists of written and practical work, with both areas assessed.

Those students looking towards a practical career working with food may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

Fashion and Design

Entry Requirements

Year 11 Fashion and Design is recommended or approval from the Head of Department

Qualifications

NCEA Level 2

Assessment

Level 2 Technology Achievement Standards

2-3 Internal (10-16 credits)

1 External (4 credits) optional

A minimum of three standards is required.

Cost

\$35 for take home materials.

Students will also be required to supply their own fabric for projects.

Course Description

Learning covered in this course includes:

- Making advanced adaptations to a pattern for a garment
- Trialing and testing advanced construction methods in order to develop a prototype for a garment
- Evaluating the properties of materials to help select materials that are suitable for a project

In this subject students learn how to use the design process to develop and produce garments, outfits or textile products for specific purposes. Students will develop knowledge and skills in planning, design, fashion drawing, pattern making, fit, construction, textiles, and creativity and in developing a portfolio. Design competitions offer extension and an opportunity to express creative talents. Beyond school there are several degree and diploma

courses at Universities and Polytechnics. This subject leads on to careers in Fashion and Design, marketing, business, product development and textile research.

Food and Nutrition

Entry Requirements

Year 11 Food and Nutrition is recommended or Head of Department approval.

Students taking this academic course need to be able to undertake independent research and have good written communication skills.

Qualifications

NCEA Level 2

Assessment

3 Internal Achievement Standards (14 credits)

1 External Achievement Standard (4 credits)

Cost

\$130 for food consumed/taken home

Course Description

This course consists of 4 units of learning related to food, nutrition, health and well-being:

- Food for Specific Needs: Students will examine dietary needs and nutritional issues for people with specific needs such as coeliacs.
- Food Choices, Well-being and Health: Students will develop an understanding of the factors that impact on food choices and well-being.
- Food Security: Students will explore access by all New Zealanders to adequate and nutritious food.
- Sustainable Food Practices: Students will explore how we can care for others and the future through our food related practices.

Practical work is an integral part of this course.

Food and Nutrition develops knowledge and skills about food choices and food preparation to enhance well-being and the health of people throughout their lives. This subject leads to careers in health, food and nutrition, food technology and catering. Various avenues for study at tertiary level are possible.

Those students looking towards a practical career working with food may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

TECHNOLOGY - Digital

Digital Technologies: Beginners

Entry Requirements

Open Entry (this would suit beginners to the subject or those who want to develop some Digital Technology skills)

Qualifications

NCEA Level 2 (Unit Standards based)

Assessment

Fully internally assessed - 4 Unit Standards (15 credits)

Cost

Course Description

Students in New Zealand need opportunities to develop knowledge and skills with Digital Technologies so they are equipped to respond to rapid changes in our society. This subject has the potential to strengthen the appeal to students of Digital Technologies as a specialist subject and to connect students with a range of enterprising and innovative employment opportunities and tertiary pathways.

This course prepares students to have an understanding of real life computer skills.

- Consolidation of text entry skills and techniques
- Understanding and use of Word Processing, Spreadsheet, and Database applications
- Introduction to Adobe Creative Suite software
- Basic document layout and enhancement

Digital Technologies: Media

Entry Requirements

Study of this subject in Year 11 is highly recommended. Entry is at the discretion of the Teacher in Charge.

Qualifications

NCEA Level 2

Assessment

20 credits (4 internals, 1 external)

Cost

Course Description

This year, you will specialise and build advanced skills in Programming. The goal is to develop your digital skills to a higher level, while providing you with a well-rounded understanding of the digital design process.

Digital Technologies Media is for students with a passion for creative design. You will use advanced tools like Adobe Creative Suite to produce professional-level outcomes. The course also teaches you how to manage data effectively using advanced Microsoft Access, a key skill for a wide range of media projects.

The assessment for this course is at NCEA Level 2 (Assessment Standards-based), 20 credits (4 internal, 1 external).

Digital Technologies: Programming

Entry Requirements

Study of this subject in Year 11 is highly recommended. Entry is at the discretion of the Teacher in Charge.

Qualifications

Level 2 NCEA

Assessment

29 Credits (5 internals, 1 external)

Cost**Course Description**

This year, you will specialise and build advanced skills in Media. The goal is to develop your digital skills to a higher level, while providing you with a well-rounded understanding of the digital design process.

Digital Technologies Programming is for students who love to build and problem-solve with code. You will build on your Python skills, create dynamic, database-driven websites, and get a deeper understanding of computer science concepts.

The assessment for this course is at NCEA Level 2 (Assessment Standards-based), 29 credits (5 internal, 1 external).

TECHNOLOGY - Hard Materials

Design and Visual Communication

Entry Requirements

Open Entry

Qualifications

Contributes to NCEA Level 2

Assessment

2 Internal Achievement Standards (9 credits)

2 External Achievement Standards (7 credits)

Cost

Course Description

Design and Visual Communication is a subject where students solve real world design problems. They do this by using a combination of Computer drawing (CAD) and sketching to visually communicate their design thinking.

This course teaches students to solve Design Problems using Design and Visual Communication skills. Design and Visual Communication techniques introduced in Years 9 to 11 are further developed. Advanced 3D computer modelling techniques are studied.

Computer and hand drawing skills are taught which allow students to produce a more realistic interpretation of complex information.

The process of Design is emphasised. Students are taught to explore a range of possible solutions to given problems.

Design assignments are:

- Desk Lamp
- Exploring Designers and Design Eras

Hard Materials Design

Entry Requirements

Completed Hard Materials Design Year 11 Course preferred but not essential OR at the discretion of the Head of Department.

Qualifications

Contributes to NCEA Level 2
Unit Standards

Assessment

Fully Internal (16 credits)

Cost

There will be a cost which varies for materials used in take home projects.

Course Description

Hard Materials Design will suit those students who enjoy overcoming design issues. Students will work through a problem solving process which explores the design process and manufacture of high quality solutions.

This course provides students with the opportunity to build on their experience gained at Year 11. Students will be able to design and build a project that meets a need or opportunity that they have identified. Through the project students will broaden their knowledge of materials, processes and techniques in the workshop environment.

Building and Construction

Entry Requirements

Open

Qualifications

Contributes to Level 2 NCEA
Unit Standards

Assessment

Fully internal (20 credits)

Cost

Costs of materials used in take home projects (approximately \$55)
\$10 ITO Course fee

Course Description

This course provides students with an opportunity to gain an insight into the building industry. They will learn basic carpentry skills and knowledge through completing a small individual and a larger group project.

This practical based course, developed and supported by the Building and Construction Industry Training Organisation (BCITO) is designed to give students an introduction to the following areas of carpentry.

- Identify, select, use and maintain hand tools used for construction
- Identify, select, use and maintain portable power tools under supervision
- Construct timber garden furniture and items of basic construction

Students will apply learnt knowledge to construct personal projects and then work as a group to construct a small building project.

Electronics

Entry Requirements

Open Entry

Qualifications

Contributes to NCEA Level 2

Unit Standards

Assessment

Fully internal (16 credits)

Cost

None

Course Description

The course gives an introduction to Electronics. It provides a foundation for those who pursue further training and employment in this field.

Students can gain 16 credits from Unit Standards in the following areas:

- Circuit concepts and measurement
- Basic electronic components
- Basic electronic systems
- Construct printed circuits
- Construct electronic products

Mechanical Engineering

Entry Requirements

Open Entry

Qualifications

Contributes to NCEA Level 2

Unit Standards

Assessment

Fully Internal (17 credits)

Cost

Cost of materials used in take home projects (approximately \$90)

\$10 ITO Course fee

Course Description

This course will allow students to develop a sound understanding of basic engineering practices. Qualifications gained through this course may assist students to gain employment or entry to engineering based tertiary courses.

This practical course, written in consultation with the COMPETENZ (New Zealand Engineering, Food and Manufacturing Industry Training Organisation) is designed to give students an introduction to the following areas of engineering:

- Health and Safety practices
- Safe care and use of hand tools
- Engineering safety
- Computerised drawing
- Basic Milling and Lathe processes

Students will build a motorised Grass Kart as part of a team, working toward the Southland Secondary School Grass Kart Competition, or will make individual engineering set projects. Using the knowledge from these learning areas, students will manufacture projects which will give an understanding of the practical applications used in engineering today.

OTHER

Literacy

Entry Requirements

This course is best suited for students who are still working towards achieving their Literacy CAAs in Reading and / or Writing.

Qualifications

Working towards Literacy CAAs in Reading and / or Writing in order to be endorsed with NCEA Qualifications when gained at Level 2 and 3.

Assessment

Literacy Reading CAA (5 credits)

Literacy Writing CAA (5 credits)

Cost

Course Description

This course focusses on supporting students with literacy fundamentals that support achievement across the curriculum and in life.

This includes:

- The Writing Process: planning, drafting, editing
- Exploring purposes in texts
- Text types
- Structure of texts
- Author Point of View
- Intended Audience
- Identifying and Ordering Main Ideas
- Making Sense of Unknown Words
- Language Features
- Syntax
- Applying learning to a range of reading and writing tasks
- Study Skills - how do I prepare myself for the CAAs?

Outdoor Recreation

Entry Requirements

Whilst there are no prerequisites, a selection process may be required

Qualifications

NCEA Level 2

Assessment

Mostly unit standard based currently, with one practical achievement standard.

Cost

Currently \$1,275 to cover transport and accommodation.

Note: This cost may increase slightly for 2027 to account for operators raising their prices. Because this is a high-cost course, please consider the expense carefully before selecting this subject. The school reserves the right to veto entry for students with a record of late or non-payment of school fees.

Course Description

This course would benefit any student with an interest in learning more about outdoor activities or who would like to experience the rewarding challenges they offer. In particular, it would be helpful for those students wanting to pursue a career in adventure tourism or outdoor recreation.

The Outdoor Recreation Skills course provides a challenging programme to cater for a wide range of students. Participants will have the opportunity to:

- Show leadership
- Plan and organise activities
- Challenge themselves
- Grow in confidence
- Experience outdoor recreation
- Learn new skills
- Find out more about themselves
- Co-operate in a team situation
- Gain qualifications
- Have fun in the outdoors!

The course will be delivered through a mixture of theory and practical lessons, generally followed by a two to three day assessment camp. The areas of study students will experience are:

- Risk Management
- Kayaking
- Bushcraft
- First Aid
- Tramping
- Camping
- Orienteering
- Snow Craft
- Rock Climbing
- Mountain biking (must be able to source a bike)

Transitions

Entry requirement

Open

Qualifications

NCEA Level 2

Assessment

This is a fully internal course.

Level 2 Unit Standards (20 credits)

Cost

There will be a cost for this course. This will be confirmed during 2027 and covers the high ropes course and First Aid.

Course Description

This course will be of interest for students who have a vocational career pathway focus. They will actively participate in structured learning and gain credits towards NCEA. The programme is Level 2 Unit Standards and designed for students to transition from school into the workplace, apprenticeships and S.I.T.

Units covered include:

- Creating CVs
- Planning your own future
- Taking personal responsibility for yourself as a young adult

CAMBRIDGE AS

Cambridge AS Biology

Entry Requirements

Students must have studied Cambridge IGCSE Co-ordinated Science, or at the discretion of the Deputy Principal - Curriculum (Miss Pickering) in conjunction with HOD Science

Qualifications

Cambridge AS Levels

Assessment

3 Externally Assessed Papers:

- Multiple Choice
- Structured Questions
- Advanced Practical Skills

Cost

\$750

Course Description

Cambridge International AS and A Level Biology builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Biology is ideal for learners who want to study biology or a wide variety of related subjects at university or to follow a career in science.

Cambridge AS Chemistry

Entry Requirements

Students must have studied Cambridge IGCSE Co-ordinated Science, or at the discretion of the Deputy Principal - Curriculum (Miss Pickering) in conjunction with HOD Science

Qualifications

Cambridge AS Levels

Assessment

3 Externally Assessed Papers:

- Multiple Choice
- Structured Questions
- Advanced Practical Skills

Cost

\$750

Course Description

Cambridge International AS and A Level Chemistry builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Chemistry is ideal for learners who want to study chemistry or a wide variety of related subjects at university or to follow a career in science.

Cambridge AS English Language

Entry Requirements

Students must have studied Cambridge IGCSE Literature and Language, or at the discretion of the Deputy Principal - Curriculum (Miss Pickering) in conjunction with HOD English

Qualifications

Cambridge AS Levels

Assessment

2 Externally Assessed Papers:

- Reading
- Writing

Cost

\$750

Course Description

Cambridge International AS and A Level English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis.

Through their study, learners will develop an ability to read and analyse material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences.

Cambridge AS Mathematics

Entry Requirements

Students must have studied Cambridge IGCSE Mathematics, or at the discretion of the Deputy Principal - Curriculum (Miss Pickering) in conjunction with HOD Mathematics

Qualifications

Cambridge AS Levels

Assessment

2 Externally Assessed Papers:

- Pure Mathematics
- Probability and Statistics

Cost

\$750

Course Description

Cambridge International A Level Mathematics develops a set of transferable skills. These include the skill of working with mathematical information, as well as the ability to think logically and independently, consider accuracy, model situations mathematically, analyse results and reflect on findings.

Learners can apply these skills across a wide range of subjects and these skills equip them well for progression to higher education or directly into employment.

Cambridge AS Physics

Entry Requirements

Students must have studied Cambridge IGCSE Co-ordinated Science, or at the discretion of the Deputy Principal - Curriculum (Miss Pickering) in conjunction with HOD Science

Qualifications

Cambridge AS Levels

Assessment

3 Externally Assessed Papers:

- Multiple Choice
- Structured Questions
- Advanced Practical Skills

Cost

\$750

Course Description

Cambridge International AS and A Level Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current

applications of physics, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of physics ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Physics is ideal for learners who want to study physics or a wide variety of related subjects at university or to follow a career in science.



Mission Statement

**Our Mission is to equip all
our students to create the best
possible future for themselves
and their world.**



Vision

Tirohanga

Our vision is to foster healthy all-round development and personal success in an environment informed by the principles of manaakitanga.

This means helping young people build their personal identity and hauora in a context of strong communal values (The Hargest Way).

It involves encouraging participation, connectedness and whanaungatanga through a range of service, cultural, sporting and leadership opportunities.

Personal success is fostered by a strong academic focus and the pursuit of excellence in its broadest sense, through responsive, supportive programmes and staff working on the principles of ako.

We aspire to provide education of superb quality, in partnership with our wider community.



The James Hargest College core values are:

We respect each other

Ka manaakitia tētahi ki tētahi

We treat all people fairly

Ka mihia tika te iwi katoa

We are honest

Tino mahi pono mātou

We work hard

Tino kaha tō mātou mahi

We are responsible for all we do

*Ka whakautu tūtika mātou ki ngā
kaupapa katoa*

We take care of our environment

Tiakina tō mātou nohonga taiao

Hargest Way Reports are sent home every three weeks. They report on the following values:

Effort looks like:

Completes work to a high personal standard in a timely manner. Brings all equipment to class.

Demonstrates a self disciplined attitude to all activities.

Persists when learning is difficult.

Actively listens to teacher explanations and instructions.

Participates in group and class activities.

Respect looks like:

Shows respect for self, others and all property.

Treats others fairly, listens and responds to different opinions respectfully.

Is honest and takes responsibility for all actions.

Uses appropriate and respectful language.

Is on time and wears the uniform correctly.

Subject Codes 2027

ACC	Accounting	FDN	Fashion and Design
ARD	Visual Arts: Design (Lev 2, 3)	FNT	Food and Nutrition
ARM	Visual Arts: Printmaking (Lev 2, 3)	FRE	French
ARO	Visual Arts: Photography (Lev 2, 3)	GAT	Gateway (Lev 2, 3)
ARP	Visual Arts: Painting (Lev 2, 3)	GEO	Geography
ART	Visual Arts: (Y11)	HEA	Health (Lev 2)
BCN	Building and Construction (Lev 2)	HIS	History
BIO	Biology (Lev 2, 3)	HMD	Hard Materials Design
BUS	Business Studies (Lev 2)	HMT	Hard Materials Trade (Y11)
CHE	Chemistry (Lev 2, 3)	HPE	Health and Phys Ed (Y11)
CHD	Child Care & Development (Lev 2)	JPN	Japanese
CLS	Classical Studies (Lev 2, 3)	MAC	Calculus (Lev 3)
CIE	Cambridge IGCSE English (Year 10, 11)	MAO	Maori
CIG	Cambridge IGCSE Global Perspectives (Year 10, 11)	MAT	Mathematics (Yr 9, 10)
CIM	Cambridge IGCSE Mathematics (Year 10, 11)	MEN	Mechanical Engineering (Lev 2, 3)
CIS	Cambridge IGCSE Science (Year 10, 11)	MED	Media Studies
CUL	Culinary Arts	MUS	Music Studies
CSC	Cambridge AS Chemistry (Year 12)	MXA	Mathematics A (Lev 2)
CSE	Cambridge AS English (Year 12)	MXB	Mathematics B (Y11, Lev 2)
CSB	Cambridge AS Biology (Year 12)	MXG	Mathematics G (Y11, Lev 2)
CSP	Cambridge AS Physics (Year 12)	MXN	Mathematics Numeracy (Y11)
CSM	Cambridge AS Mathematics (Year 12)	MXT	Mathematics (Y11)
DGB	Digital Technologies (Beginners) (Lev 2, 3)	ODR	Outdoor Education (Lev 2)
DGM	Digital Technologies Media	PED	Physical Education (Lev 2, 3)
DGP	Digital Technologies Programming	PHY	Physics (Lev 2, 3)
DGT	Digital Technologies (Year 9, 10)	SCC	Science Callaghan (Y11)
DRA	Drama	SCM	Science MacDiarmid (Y11)
DVC	Design & Visual Communication	SCW	Science Wiffen (Y11)
ECO	Economics	SCI	Science (Lev 2, 3)
ELE	Electronics (Lev 2)	STA	Statistics A (Lev 3)
ENP	English - Psychology of Self (Y11)	STB	Statistics B (Lev 3)
ENS	English - Society Explored (Y11)	SPA	Spanish
ENT	English - Technology, Machines and the Future (Y11)	TOU	Tourism (Lev 2, 3)
ENA	English A (Lev 2)	TRA	Transition (Lev 2)
ENB	English B (Lev 2, 3)		
ENC	English C (Lev 2)		
ENW	English Written (Lev 3)		
ENV	English Visual (Lev 3)		
ENL	English Literacy		
ESL	English as a Second Language		
ENG	English (Year 9,10)		

Learning pathways

All subjects in **red** are compulsory

This is a guide only. See our annual subject booklets for senior subject pre-requisites. (Note: courses may be combined or not run if there are insufficient numbers).

	Year 9 & 10	Year 11	NCEA Level 2	NCEA Level 3
Art (Visual Arts)	Art	Art ————→	Art Design Art Painting Art Photography Art Printmaking ————→	Art Design Art Painting Art Photography Art Printmaking
Drama	Drama	Drama - - - - ->	Drama - - - - ->	Drama
English	English ESOL	English Psychology of Self English Society Explored English Technology, Machines and the Future ESOL - - - - ->	English A English B English C ESOL - - - - ->	English Written A or English Visual A English B ESOL
Food & Fabric	Fashion & Design Food & Nutrition	Culinary Arts - - - - -> Fashion & Design Food & Nutrition - - - - ->	Culinary Arts Childcare & Development Fashion & Design Food & Nutrition - - - - ->	Culinary Arts Fashion & Design Food & Nutrition
Languages	French Japanese Spanish Te Reo Māori	French Japanese Spanish Te Reo Māori ————→	French Japanese Spanish Te Reo Māori ————→	French Japanese Spanish Te Reo Māori
Mathematics & Statistics	Mathematics	Mathematics T Mathematics G Mathematics B Mathematics N ————→	Mathematics A Mathematics G Mathematics B ————→	Calculus Statistics A Statistics B
Music	Music	Music - - - - ->	Music - - - - ->	Music
Health & Physical Education	Health & Physical Education	Health & Physical Education ————→	Physical Education Health Education ————→	Physical Education
Science	Science	Science (MacDiarmid) Science (Wiffen) Science (Callaghan) ————→	Biology Chemistry Physics Science ————→	Biology Chemistry Physics Science
Social Sciences	Social Studies	Accounting Economics Geography History Media Studies ————→	Accounting Business Studies Economics Geography History Media Studies Tourism Classical Studies - - - - ->	Accounting - Economics Geography History Media Studies Tourism Classical Studies
Technology	Design and Visual Communication Digital Technologies Hard Materials Design	Design and Visual Communication Digital Technologies Media Digital Technologies Programming Hard Materials Design Hard Materials Trade ————→	Design and Visual Communication Digital Technologies (Beginners) Digital Technologies Media Digital Technologies Programming Electronics Hard Materials Design Building & Construction Mechanical Engineering ————→	Design and Visual Communication Digital Technologies (Beginners) Digital Technologies Media Digital Technologies Programming Hard Materials Design Mechanical Engineering
Other		Literacy	Outdoor Education Transition Skills Literacy	Literacy

Key

leads to and is a prerequisite —————→ leads to but is not a prerequisite - - - - ->