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12 Accounting**12ACC****Qualification:** NCEA Level 2**Entry Requirements:** Level 1 Accounting with 13 credits or by consultation with Miss Bedward**Note:** this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13)**Content/Skills:**

- Processing financial information (MYOB)
- Preparing financial statements
- Internal controls
- Accounting Theory

Leads to UE approved subject: Yes**Field Trips:** None**Non-compulsory cost:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	10
External Achievement Standards	2	2	9

Enquiries to: Miss Bedward**12 Agriculture Science****12AGR****Qualification:** NCEA Level 2**Entry Requirements:** Level 1 Agricultural Science or by consultation with Head of Agriculture.**Content/Skills:**

- Crop growth and development
- Livestock reproduction techniques
- Livestock growth and development
- Primary production land use
- Environmental impact of a local primary product

The extra courses below require students to be out of school for two days – so they need to be up-to-date with all their work

Leads to UE approved subject: Yes**Field Trips:** One trip to Lincoln University and one trip to the Get Ahead Agricultural Careers Day – a voluntary contribution of approx. \$20 per trip towards transport will be advised at the time.**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	12
External Achievement Standards	2	2	8

There may also be the opportunity for some students to undertake some extra unit standards around the safe use of tractors, chainsaws and agrichemicals. A crutching course may also be offered.

Enquiries to: Head of Agriculture, Mr Millichamp

Qualification: NCEA Level 2

Entry Requirements: Year 11 Agriculture Horticulture Academy and through interview with Primary Industry Training Organisation staff member and Agriculture Department staff.

This subject takes up 2 columns on the timetable (counts for 2 subjects) and is designed for those students who wish to work in the Agricultural (or other primary industry) sector on leaving school.

Students can choose to do an Agricultural or Horticultural option.

Content/Skills:

- Animals and animal handling skills or plants and horticultural skills
- Farm Safety
- Crop production
- One day per week work experience in an agricultural sector of the student's choice.

Leads to UE approved subject: No

Field Trips: Work experience as above.

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	11	42
Internal Achievement Standards	2	2 or 3	Up to 12
External Achievement Standards	-	-	-

Enquiries to: Head of Agriculture, Mr Millichamp

Qualification: NCEA Level 2

Entry Requirements: An achieved grade or higher in the Level 1 Art portfolio or by negotiation with HOD.

Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13)

Content/Skills:

- Develop skills and ideas particular to painting
- Study of modern and traditional artists
- Students will produce an individual folio of finished artwork
- Explore concepts and techniques to extend and develop your art

Leads to UE approved subject: Yes

Field Trips: TBC

Course Costs: \$50 (including art stationery pack retained by students).

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	2	8
External Achievement Standards	2	1	12

Enquiries to: Head of Art, Ms Robertshaw

12 Art Projects

12ARP

Qualification: NCEA Level 2

Entry Requirements: Level 1 Art Portfolio or Level 1 Art Practical achieved standards or approval by Head of Department. Depending on individual experience Level 1 standards may be offered.

Content/Skills:

- This course has a focus on Drawing, Design, Photography and Illustration
- Develop ideas through making art works
- Develop an understanding of other artists' work
- This course is comprised of internal assessments only

Leads to UE approved subject: Yes

Field Trips: TBC

Course Costs: \$37 (including art stationery pack retained by students).

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	16
External Achievement Standards	-	-	-

Enquiries to: Head of Art, Ms Robertshaw

12 Art Photography

12APH

Qualification: NCEA Level 2

Entry Requirements: An achieved grade or higher in Level 1 Art folio

Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13).

Content/Skills:

- Develop skills and ideas particular to photography
- An emphasis on photography as an art subject
- Study of modern and traditional artists
- Students will produce an individual folio of finished artwork
- Developing concepts and communicating ideas through photography

Leads to UE approved subject: Yes

Field Trips: TBC

Course Costs: \$27 (including art stationery pack retained by students).

A suitable device (laptop) is strongly recommended. Students also need their own good quality digital cameras, SD card and external hard drive.

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	2	8
External Achievement Standards	2	12	12

Enquiries to: Head of Art, Ms Robertshaw

Qualification: NCEA Level 2

Entry Requirements: Good English skills recommended. Please note there is a required minimum number of students for this course. If not met, as an alternative an online course will be offered.

Content/Skills:

- Analysis of artworks meanings and formal elements
- Influence of context(s) on art works
- How media are used to create effects in art
- Understanding of an art history topic
- Having a personal response to art works

Leads to UE approved subject: Yes

Field Trips: TBC

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	12
External Achievement Standards	2	3	12

Enquiries to: Ms Lewis

Qualification: NCEA Level 2

Entry Requirements: A minimum of 16 Level 1 Science credits including a biology standard with at least 12 credits at Merit level or above or in consultation with Head of Science.

Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13)

Content/Skills:

- Understanding of diversity, structure, function and interrelationships of living organisms, and their interactions with the abiotic environment.
- Understanding the function of cell components
- Understanding of genetics and gene expression.
- Developing microscope skills.
- Scientific investigative skills and attitudes

Leads to UE approved subject: Yes

Field Trips: None

Voluntary Course Contribution: Student Workbook \$31(approx.)

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	10
External Achievement Standards	2	3	12

Enquiries to: Head of Science, Mr Aulsford

Qualification: NCEA Level 2 Introduction to Automotive Skills (Level 2)

Entry Requirements: NCEA Level 1

Content/Skills:

- Safe working practices
- Basic car servicing and maintenance
- Safe and correct use of automotive tools and equipment
- Braking systems
- Fuel systems

Half or one day a week may be assigned to this course

Leads to UE approved subject: No

Field Trips: Geraldine Automotive Museum, Automotive workshops, voluntary contribution to be confirmed.

Voluntary Course Contribution: To be advised

	Level	Number of Standards	Credits
Unit Standards	2	10	25
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Vocational Guidance, Mr Wilson

Units included:

- 229 Identify the general locations and functions of motor vehicle systems and main components (v9, 4 Credits)
- 233 Service an automotive battery (v8, 2 Credits)
- 240 Demonstrate knowledge of petrol fuel systems (v8, 3 Credits)
- 247 Prepare a vehicle and/or machine for use and shutdown after use (v9, 2 Credits)
- 16113 Demonstrate knowledge of safe working practices in an automotive workshop (V5, 2 Credits)
- 21669 Demonstrate knowledge of hand tools and workshop equipment for motor industry applications (v2, 2 Credits)
- 21674 Demonstrate knowledge of terminology used in the motor industry (v1, 2 Credits)
- 21720 Demonstrate knowledge of vehicle braking systems (v1, 2 Credits)
- 21858 Demonstrate good work habits and perform safe work practices in the motor and related industries (v1, 4 Credits)
- 21859 Select and use hand tools and workshop equipment for an automotive application (v1, 2 Credits)

12 Business Studies**12BUS****Qualification:** NCEA Level 2**Entry Requirements:** English A.S. 90052 or A.S. 90053.**Content/Skills:**

- Market research
- Motivation theories
- Business operation
- Problem solving

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	15
External Achievement Standards	2	1	4

Enquiries to: Miss Bedward**12 Child Development****12CDV****Qualification:** NCEA Level 2**Entry Requirements:** Level 1 NCEA or by consultation**Content/Skills:**

- Working toward a National Certificate in Early Childhood Education and Care, Level 3
- Demonstrate knowledge of basic needs of young children, including nutrition.
- Describe ways to encourage good health, and describe hygiene practices.
- Demonstrate knowledge of attachment patterns and transitions in young children.

Leads to UE approved subject: No**Field Trips:** Visits during class time to local preschool.**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	2	8	22
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Mrs Johnstone

12 Chemistry

12CHE

Qualification: NCEA Level 2

Entry Requirements: A minimum of 16 Level 1 Science credits including a chemistry standard with at least 12 credits at Merit level or above or in consultation with Head of Science.

Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13)

Content/Skills:

- Practical skills are assessed in two internals and require accuracy, equation writing and some calculation work
- Structure, bonding and properties of chemicals and energy changes in reactions
- Rates of reaction, equilibrium and acids and bases.
- Reactions that involve electrons being gained or lost
- Organic chemistry – the chemistry of carbon (plastics, fuels, alcohols etc.)

Leads to UE approved subject: Yes

Field Trips: None

Voluntary Course Contribution: A commercial workbook \$25

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	10
External Achievement Standards	2	3	13

Enquiries to: Head of Science, Mr Aulsford

12 Classical Studies

12CLS

Qualification: NCEA Level 2

Entry Requirements: 14 credits in Level 1 History or English.

Note: this course should be taken if you intend continuing with this subject at Level 3 (Year 13).

Content/Skills:

- Classical Mythology
- The Greek hero Odysseus
- The destruction of the city of Pompeii
- Greek and Roman Art and Architecture

Leads to UE approved subject: Yes

Field Trips: Architecture Trip to Oamaru – voluntary contribution of approx. \$30 towards transport to be advised closer to the time

Voluntary Course Contribution: Student Workbook \$20

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	2	10
External Achievement Standards	2	2	8

Enquiries to: Mrs Hampton

12 Dance**12DAN****Qualification:** NCEA Level 2**Entry Requirements:** Year 11 Dance or in consultation with Teacher in Charge.**Content/Skills:**

- Dance Performance
- Cultural/social dance
- Dance choreography
- Dance perspectives

Leads to UE approved subject: Yes**Field Trips:** There will be an opportunity to view live dance performance**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	18
External Achievement Standards	-	-	-

Enquiries to: Head of Drama, Ms Backhouse-Smith**12 Design and Visual Communication (Graphics)****12DES****Qualification:** NCEA Level 2**Entry Requirements:** 9 credits in Level 1 Graphics or by consultation with HOD.**Content/Skills:**

- Design skills
- Developing the use of both hand and computer based tools
- Develop problem-solving skills.
- Two major assignments.
- Topics include architectural and product design

Leads to UE approved subject: Yes**Field Trips:** None**Course Cost:** \$25 for graphic materials, including A3 blocks of cartridge paper, graphic pencils, A3 folder, Set Squares and ruler retained by student

	Level	Number of Standards	Credits
Unit Standards			
Internal Achievement Standards	2	3	15
External Achievement Standards	2	2	7

Enquiries to: Head of Faculty, Mr Pearce

Qualification: NCEA Level 2
Entry Requirements: Completion of 11DIT or 11DIP with at least 12 credits
Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13).

Content/Skills:

It is important that we produce those who both use *and* understand technology. To that end this course blends programming, and the use, understanding and development of common workplace tools such as the ubiquitous spreadsheet and database applications. The emphasis is on problem solving and fitness for purpose.

- Digital Information – word processing, spreadsheets, database development
- Digital Media – digital image manipulation, desktop publishing
- Programming – website development & coding with Python
- Planning and designing digital solutions that are fit for purpose
- Problem-solving

NB: Content will vary depending on cohort. Course will be tailored to group interests.

Leads to UE approved subject: Yes
Field Trips: None
Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	1	5
Internal Achievement Standards	2	3	10
External Achievement Standards	2	1	4

Enquiries to: Head of Department, Mr Molyneux

Qualification: NCEA Level 1 and some NCEA Level 2
Entry Requirements: 11 DIP or by agreement with HOD.

Content/Skills:

- Keyboarding
- Computer functions
- Practical computer skills in word processing, desktop publishing, spreadsheets and presentations
- Internet

NB: Content will vary depending on cohort abilities and interests.

Leads to UE approved subject: No
Field Trips: None
Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	5	19
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Head of Department, Mr Molyneux

12 Drama**12DRA****Qualification:** NCEA Level 2**Entry Requirements:** Completion of NCEA Level 1 or in consultation with the Head of Drama, Mrs Backhouse-Smith.**Content/Skills:**

- Drama techniques and elements in performance
- Theatre genre
- Devising Drama
- Reviewing live theatre

Leads to UE approved subject: Yes**Field Trips:** Up to three Theatre trips during the year – voluntary contribution of approx. \$35 per trip towards transport will be advised at the time.**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	1	4	18
External Achievement Standards	1	1	4

Enquiries to: Head of Drama, Mrs Backhouse-Smith**12 Economics****12ECO****Qualification:** NCEA Level 2**Entry Requirements:** 14 credits in Level 1 Economics or equivalent.**Note:** this course is recommended if you intend continuing with this subject at Level 3 (Year 13).**Content/Skills:** **This course focuses on Macroeconomics. We study the importance of the following for the New Zealand Economy.**

- Economic Growth
- Employment
- International Trade
- Inflation
- Special Interest topic – Child Poverty in NZ
- Government Policies to achieve economic goals

Leads to UE approved subject: Yes**Voluntary Course Contribution:** Student Workbook \$20

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	14
External Achievement Standards	2	2	8

Enquiries to: Head of Social Sciences Mrs Mitchell

Qualification: NCEA Level 2 & NCET (National Certificate in Electrotechnology)

Entry Requirements: 12 credits in Level 1/2 Science or by consultation of Mr Isaacs

This is an interesting course that will cater for all abilities. However, having a high level of numeracy, and your own computer will be an advantage.

Content/Skills:

- Circuit concepts and measurements
- Basic component knowledge
- Basic electronic systems knowledge
- Construct a simple printed circuit board
- Construct simple electronic products

Leads to UE approved subject: No

Field Trips: None

Course Costs: Nil

	Level	Number of Standards	Credits
Unit Standards	2	5	24
Internal Achievement Standards			
External Achievement Standards			

Enquiries to: Mr Isaacs

Qualification: NCEA Level 2 – two year course.

Entry Requirements: Nil.

Content/Skills:

- Basic reading skills
- Researching career options and CV writing
- Writing skills such as letter writing, reviews and short reports
- Film study
- Discussion and speaking skills

Leads to UE approved subject: Yes

Field Trips: No

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	7	19
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Head of English, Ms Macpherson

12 English Extension**12ENG****Qualification:** NCEA Level 2 and University Entrance Literacy**Entry Requirements:** At least 5 out of the 6 Level 1 English Achievement Standards; one of which must be 90052 or 90053 (the writing standards).**Content/Skills:**

- Reading and analysing written text including novels, short stories and poetry
- Analysing film
- Study of unfamiliar texts
- Writing
- Discussion and speaking skills

Leads to UE approved subject: Yes**Field Trips:** No**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	15
External Achievement Standards	2	3	12

Enquiries to: Head of English, Ms Macpherson**12 English Mid Band****12ENM****Qualification:** NCEA Level 2**Entry Requirements:** At least 3 Level 1 English Achievement Standards (excluding speech 90857).**Content/Skills:**

- Reading and analysing written text including novels, short stories and poetry
- Analysing film
- Study of unfamiliar texts
- Essay writing for exams
- Research
- Discussion and speaking skills

Leads to UE approved subject: Yes**Field Trips:** No**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	14
External Achievement Standards	2	3	12

Enquiries to: Head of English, Ms Macpherson

Qualification: NCEA Level 2
Entry Requirements: At least 10 Level 1 literacy credits.

Content/Skills:

- Basic reading skills
- Researching career options and CV writing
- Writing skills such as letter writing, reviews and short reports
- Film study
- Discussion and speaking skills

Leads to UE approved subject: Yes

Field Trips: No

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	7	19
Internal Achievement Standards	2	2	6
External Achievement Standards	-	-	-

Enquiries to: Head of English, Ms Macpherson

Qualification: NCEA Level 2
Entry Requirements: This option is for bi-lingual students (those who speak two languages).
Note: Students set learning goals and develop own learning plan. This course is a two year course. Students have the chance to study standards for university entrance.

Part One: Careers Investigation: Internal Assessments

- Demonstrate knowledge of job search skills
- Plan Future Directions
- Explore Career Options and their implications
- Create a targeted C.V. for a chosen career
- Write business correspondence for the workplace.
- Select, read and assess texts to gain knowledge
- Write a Report
- Complete workplace forms

Part Two: Understanding and responding to texts to form personal responses and think critically (optional)

- Read texts to recognise different points of view
- Research Project
- Personal Reading Portfolio
- Film study: Gran Torino or The Shawshank Redemption
- Short story study : New Zealand/ Maori texts

Leads to UE approved subject: Yes

Field Trips: None

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	7	21
Internal Achievement Standards	2	3	11
External Achievement Standards	2	2	8

Enquiries to: Teacher in Charge: Miss Naden

12 ESOL (English for Speakers of Other Languages)**12ESL****Qualification:** NCEA Level 2**Entry Requirements:** None**Content/Skills:**

- Reading
- Writing
- Speaking
- Listening

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	8	28
External Achievement Standards	-	-	-

Enquiries to: Mrs Thompson**12 Food and Nutrition****12FNT****Qualification:** NCEA Level 2**Entry Requirements:** 8 credits in Level 1 Food and Nutrition or successful completion of a research Achievement Standard in another subject.**Content/Skills:**

- Food safety
- Sustainable food practices.
- Food security for New Zealanders.
- Factors that influence food choices and their effect on well-being
- Evaluate nutritional information and issues of health promoting strategies

Leads to UE approved subject: Yes**Field Trips:** Nil**Course Costs:** \$40 for the take home component supplied by the department (ingredients).

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	2	8
External Achievement Standards	2	2	10

Enquiries to: Ms Ferguson

12 Foundation Studies

12FST

Qualification: NCEA and New Zealand Certificate in Foundation Skills Level 2

Entry Requirements: Students will be invited to be in this course through interview
Must be enrolled in 12ENF

Content/Skills:

- Work collaboratively and in a team
- Interact with your own and others cultures in the workplace
- Develop career goals (Work Experience; Personal Presentation)
- Real Life (Team work)
- This course takes up two options

Leads to UE approved subject: No

Field Trips: Contribution or cost towards relevant trips and activities depending on topics studied to be advised

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	10	33
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Ms Carrick

12 Geography

12GEO

Qualification: NCEA Level 2

Entry Requirements: Previous experience and success in Year 11 Geography is highly recommended, or by consultation with HOD Geography.

Content/Skills:

- Explain a Natural Landscape – South Island High Country
- Development Inequalities – Tanzania
- Geographic Inquiry – Scree Slopes
- Geographic Skills And Concepts
- Geographic Issues & Global Studies

Leads to UE approved subject: Yes

Field Trips: Two days at Mt Cook National Park – voluntary contribution of approx. \$90 towards transport and food will be advised at the time

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	11
External Achievement Standards	2	3	12

Enquiries to: Mrs Lees

12 German**12GER****Qualifications:** NCEA Level 2 FIT IN DEUTSCH A2**Entry Requirements:** Successful Completion of Year 11 German.**Note:** this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13).**Content/Skills:**

- Show understanding of less familiar spoken German (AS 2.1)
- Show understanding of less familiar written German (AS 2.4)
- Produce written German with resources (AS 2.5)
- Interact in spoken German (AS 2.3)
- Present a 2 minute (minimum) speech in German (AS 2.2)

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Nil**Non-compulsory Cost:** This is Language Subscription \$20 (optional).

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	14
External Achievement Standards	2	2	10

Enquiries to: Head of Languages, Mr Pow**12 Gateway****12GTY****Qualification:** NCEA Level 2 and NCEA Level 3**Entry Requirements:** None, but students must complete an application form, followed by a selection interview with the Gateway Co-ordinator.

Students must be motivated to learn in the workplace, have a strong interest in a particular industry or career direction and be able to manage individualised learning and assessment. Reliability and an excellent attendance record are also required.

Places on the Gateway programme are limited to 45**Content/Skills:**

- Provide students with the opportunity to 'test drive' their career choices in a real workplace, gaining valuable 'real' experiences and learning
- Gateway placement one day or part day per week for the school year or term

Leads to UE approved subject: No**Field Trips:** None**Voluntary Course Contribution:** Nil

Students study an individualised learning plan with Industry-based unit standards that contribute towards their NZQA Record of Learning. TEC has an expectation that students will achieve a minimum of 10 credits.

	Level	Number of Standards	Credits
Unit Standards	2 or 3	varied	Min. 10
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Gateway Co-ordinator, Mrs Van Rooyen

12 Health**12HED****Qualification:** NCEA Level 2**Entry Requirements:** Level 1 Health or English, or by application to HED Department.**Content/Skills:**

- Level 2 Health education builds on the knowledge and skills developed in Junior Health and Level 1 Health.
- It will develop the students' ability to make informed decisions to analyse the influences, consequences and strategies associated with a range of topics relevant to young people.
- Learning is through a variety of key studies such as Mental Health, Resiliency, Health Promotion in the community, issues relation to Sexuality and Gender and Personal Safety issues such as discrimination, abuse and harassment.

Leads to UE approved subject: Yes**Field Trips:** None**Course Contribution:** Nil

	Level	Number of Standards	Credits
Internal Achievement Standards	2	3	15
External Achievement Standards	2	1	4

Enquiries to: Miss Parker**12 History****12HIS****Qualification:** NCEA Level 2**Entry Requirements:** 14 credits in Level 1 History or English.**Note:** this course should be taken if you intend continuing with this subject at Level 3 (Year 13).**Content/Skills:**

- Vietnam War including protest.
- Origins Of WWI
- 1917 Russian Revolution (Imperial Russia)

Leads to UE approved subject: Yes**Field Trips:** Field Trip to Wellington (not compulsory)**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	14
External Achievement Standards	2	2	9

Enquiries to: Mrs Hampton

Qualification: NCEA Level 2

Entry Requirements: No entry requirements but an interest in foods and hospitality a distinct advantage.

Content/Skills:

- Food Safety
- Hot, Espresso and Cold Beverages
- Food preparation and Presentation
- Table Service and Customer Interaction

Leads to UE approved subject: No

Field Trips: Two whole days out of classes to do the Barista Unit Standard training at College.

Course Costs: \$100 for the take home component supplied by the department (ingredients).

	Level	Number of Standards	Credits
Unit Standards	2	9 possible	12-26
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Ms Neutze

Qualification: NCEA Level 2 Introduction to Hair, Beauty and Retail (Level 2)

Entry Requirements: NCEA Level 1

Content/Skills:

- Personal presentation
- Team work
- Retailing
- Introduction to beauty therapy
- Introduction to hairdressing

Half or one day a week may be assigned to this course

Leads to UE approved subject: No

Field Trips: Industry visits, any cost or contribution to be confirmed

Voluntary Course Contribution: To be advised

	Level	Number of Standards	Credits
Unit Standards	2	9	27
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Mr Wilson

Units included:

- 27640 Demonstrate knowledge of current fashion trends and history related to beauty therapy (v1, 3 credits)
- 27641 Describe the relevance of anatomy and physiology knowledge to beauty therapy practice (v1, 3 credits)
- 2869 Apply treatments to hair and scalp (v5, 2 credits)
- 21936 Protect the client for hairdressing services in a salon environment (v3, 1 credit)
- 28026 Present a personal fashion image for work in a hairdressing salon environment (v1, 3 credits)
- 57 Provide customer service (v6, 2 credits)
- 12008 Sell goods and/or services in a retail or distribution environment (v4, 6 credits)
- 11974 Participate in a team in a retail or distribution environment (v5, 4 credits)
- 9677 Participate in a team or group which has an objective (v8, 3 credits)

12 Japanese**12JPN****Qualification:** NCEA Level 2**Entry Requirements:** Successful Completion of Year 11 Japanese.**Note:** this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13).**Content/Skills:**

- Show understanding of less familiar spoken Japanese (AS 2.1)
- Show understanding of less familiar written Japanese (AS 2.4)
- Produce written Japanese with resources (AS 2.5)
- Present a 2 minute (minimum) speech in Japanese (AS 2.2)
- Present two pieces of interaction in Japanese (A5 2.3)

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Student Workbook \$15; Renash Book \$18**Non-compulsory Cost:** Language Perfect Subscription \$20 (optional).

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	3	14
External Achievement Standards	2	2	10

Enquiries to: Ms Horsley**12 Law****12LAW****Qualification:** NCEA Level 2**Entry Requirements:** No entry requirements.**Content/Skills:**

- Concepts of Law
- Concepts of Justice
- Concepts in Law (The Insanity Defence)
- Litigation and Dispute Resolution Processes
- Law Making Process

Leads to UE approved subject: No**Field Trip:** None**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	2	5	20
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Mr Gleason

12 Mathematics Advanced**12MAA****Qualification:** NCEA Level 2**Entry Requirements:** At least 16 Level 1 Mathematics achievement standard credits including the algebra skills external achievement standard 91027 and at least one merit.**Content/Skills:**

- Algebra
- Calculus
- Trigonometry
- Statistics and Probability

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Education Perfect \$20, two workbooks \$7 each, and a graphics calculator is recommended.

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	11
External Achievement Standards	2	3	13

Enquiries to: Head of Mathematics, Ms Cabout or Mrs Henson**12 General Mathematics****12MAG****Qualification:** NCEA Level 2**Entry Requirements:** Between 13 and 18 credits from Level 1 Mathematics achievement standards or by nomination from the Mathematics Department.**Content/Skills:**

- Networks
- Sequences
- Trigonometry
- Coordinate Geometry
- Statistics

Leads to UE approved subject: Yes**Field Trips:** None**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	7	18
External Achievement Standards	-	-	-

Enquiries to: Head of Mathematics, Ms Cabout

12 Mathematics Applied**12MAP****Qualification:** NCEA Level 1 and 2**Entry Requirements:** Nil**Content/Skills:**

- Sequences
- Trigonometry
- Coordinate Geometry
- Networks
- Linear Algebra

Leads to UE approved subject: No**Field Trips:** Nil**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards			
Internal Achievement Standards	1	3	7
	2	3	6
External Achievement Standards			

Enquiries to: Mrs Henson or Ms Cabout**12 Te Reo Māori****12MAO****Qualification:** NCEA Level 2**Entry Requirements:** NCEA Level 1 Te Reo Māori or by consultation with HOD.**Content/Skills:**

- Mihi, introduction.
- Karakia, waiata.
- Te Reo Māori language skills.

Leads to UE approved subject: Yes**Field Trips:** Rāranga/weaving for girls. Taiaha wananga for boys**Voluntary Course Contribution:** Student Workbook \$25

	Level	Number of Standards	Credits
Unit Standards	2	Optional stream	10
Internal Achievement Standards	2	3	16
External Achievement Standards	2	2	12

Enquiries to: Head of Department, Matua Tīipene

Qualification: NCEA Level 2

Entry Requirements: NCEA Level 1 Māori or by consultation with HOD.

Content/Skills:

- Myths and legends
- Māori performing arts
- Māori Tourism
- Māori Culture

UE approved subject: No

Field Trips: Marae visit

Voluntary Course Contribution: Student Workbook \$20

	Level	Number of Standards	Credits
Unit Standards	2	6	18
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Head of Department, Matua Tiipene

Qualification: NCEA Level 2

Entry Requirements: General entry. There are no prerequisites for this course but study of this subject at Year 10 and Year 11 is an advantage.

Content/Skills:

- Express ideas in practical terms
- Adapt patterns to change the structure or style
- Select material and processes
- Use machinery and equipment appropriately
- Implement advanced construction procedures
- Produce and evaluate quality textile items

Leads to UE approved subject: Yes

Field Trips: None

Course Costs: The course requires students to purchase their own fabric, pattern and notions to complete three garments that they take home.

\$30.00 for notions of take home component supplied by department (interfacing, overlocking thread, needles, fabric samples etc.)

	Level	Number of Standards	Credits
Unit Standards	2	2	8
Internal Achievement Standards	2	1-2	6-12
External Achievement Standards	2	1 (optional)	4

Enquiries to: Mrs Bowis

12 Materials Technology: Metal**12MTM****Qualification:** NCEA Level 2**Entry Requirements:** 10 credits in Level 1 Materials Technology including Achievement Standard 1.3 or by consultation with HOD.

12MTM and 12MTW are similar courses that cover many of the same standards, it is not possible to choose both.

Content/Skills:

- Workshop skills - both hand and machine
- Investigation and design skills make up 50% of the course
- Students design and make two projects

Leads to UE approved subject: Yes**Field Trips:** None**Course Costs:** \$70 at the start of the year and extra materials consumed will be calculated at the end of the course for the take home component.

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4	17
External Achievement Standards	2	1	4

Enquiries to: Head of Faculty, Mr Pearce**12 Materials Technology: Wood****12MTW****Qualification:** NCEA Level 2**Entry Requirements:** 10 credits in Level 1 Materials Technology including Achievement Standard 1.3 or by consultation with HOD.

12MTW and 12MTM are similar courses that cover many of the same standards, it is not possible to choose both.

Content/Skills:

- Workshop skills - both hand and machine
- Investigation and design skills make up 50% of the course
- Students design and make two projects

Leads to UE approved subject: Yes**Field Trips:** None**Course Costs:** \$70 at the start of the year and extra materials consumed will be calculated at the end of the course for the take home component.

	Level	Number of Standards	Credits
Unit Standards	2	1	6
Internal Achievement Standards	2	2	12
External Achievement Standards	-	-	-

Enquiries to: Head of Faculty, Mr Pearce

12 Materials Technology: Applied

12MTA

Qualification: NCEA Level 2

Entry Requirements: Level 1 Technology Course or by consultation with Head of Faculty

Content/Skills:

- A range of interesting projects with limited design requirements
- Students will be expected to complete unit standards related to the projects they make.

Leads to UE approved subject: No

Field Trips: None

Course Costs: \$70 at the start of the year and extra materials consumed will be calculated at the end of the course for the take home component.

	Level	Number of Standards	Credits
Unit Standards	1 or 2	5	20
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Head of Faculty, Mr Pearce

12 Music

12MUS

Qualification: NCEA Level 2

Entry Requirements: Level 1 Music

12MUS and 12MUP are similar courses that cover many of the same standards, if you wish to choose both; it must be in consultation with the HOD.

Note: this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13).

Content/Skills:

- Solo/Group music
- Composition
- Aural skills
- Music theory/Analysis
- Research

Leads to UE approved subject: Yes

Field Trips: None

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4-5	16-23
External Achievement Standards	2	1-2	4-8

Enquiries to: Head of Music, Mr Diedricks

Qualification: NCEA Level 2

Entry Requirements: Level 1 Music or Music Performance

12MUP and 12MUS are similar courses that cover many of the same standards, if you wish to choose both; it must be in consultation with the HOD.

Note: this course or 12MUS needs to be taken if you intend continuing with this subject at Level 3 (Year 13).

Content/Skills:

- Solo performance
- Group performance
- Composition
- Theory Aural skills
- Music technology

Leads to UE approved subject: Yes

Field Trips: None

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	1	4
Internal Achievement Standards	2	3-4	12-19
External Achievement Standards	2	1	4

Enquiries to: Head of Music, Mr Diedricks

Qualification: NCEA Level 2

Entry Requirements: Learning online requires students to be motivated, independent and organised. They have to be able to manage an online learning environment, including a range of online tools, and learn to communicate with their eTeachers and classmates by email, texting and Google hangouts.

Content/Skills:

Ashburton College is part of [NetNZ](http://netnz.org) (netnz.org), a community of secondary and area schools who specialise in the provision of high quality online programmes of learning for secondary age students throughout New Zealand. This allows our students to enrol in online courses and be supported by their eTeachers using Google Hangouts and a variety of web based learning environments. Students might choose an online subject if they: want to take a subject Ashburton College does not offer, have a column clash, need to be more flexible with their learning or enjoy learning online.

Each year approximately forty Ashburton College students successfully complete an online subject through [NetNZ](http://netnz.org). (netnz.org)

See website for the hyperlink for [2018/2019 courses](#).

Subjects offered online in 2019, which are not offered by Ashburton College, include: Art History, Psychology, Philosophy, Media Studies, French, Chinese, Korean, Spanish, Samoan, Tongan, Cook Island Maori, Computer Science, Social Studies and Equine Studies.

Leads to UE approved subject: Dependent on the subject studied

Field Trips: Dependent on the subject studied

Voluntary Course Contribution: Nil

Enquiries to: eDean: Mrs Anne Williams wa@ashcoll.school.nz



12 Performing Arts Technology

12PER

Qualification: NCEA Level 2 and 3

Entry Requirements: Consultation with the Head of Drama, Mrs Backhouse-Smith.

Content/Skills:

- Dance, drama and music performance
- Performing Arts Technology such as makeup, lighting, production, stage craft and design
- Group work
- Theatre practices

Leads to UE approved subject: No

Field Trips: There may be an opportunity to view live performance.

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2-3	Choose from 4	21
Internal Achievement Standards	2-3	Choose from 7	29
External Achievement Standards	-	-	-

Students will choose 14 credits from any of a combination of five different performing arts disciplines as stated in the content section. This can include a combination of Unit and Achievement Standards. Students will work towards a theatre performance and take on different aspects of the production such as performance and technologies.

Enquiries to: Head of Drama, Mrs Backhouse-Smith

12 Outdoor

12OUE

Qualification: NCEA Level 2

Entry Requirements: Nil, but all applicants must be prepared to undertake an interview where their suitability for this programme is assessed.

Content/Skills:

- Using a range of local resources this course would allow students to gain credits in a range of outdoor settings.
- Possible activities Tramping, Camping, Navigation, ABL, Rafting, Mountain Biking, Sailing, Rock Climbing, Fishing and Shooting.
- Students would learn a range of life skills such as teamwork, leadership, self-management, self-responsibility etc.
- The types of topics the students will be looking at are environmental awareness and management, health and safety and risk management, and trip and event planning.
- Programme will involve some co-construction with students and therefore activities and standards cannot be predetermined.

Leads to UE approved subject: No

Field Trips: Yes, trips to be confirmed with class.

Course Cost: As this is an optional course, there is a course cost of no more than \$200 to cover outside agency and safety requirements.

	Level	Number of Standards	Credits
Unit Standards	2	5	14
Internal Achievement Standards	2	1	3
External Achievement Standards	-	-	-

Enquiries to: Mr Martin or Mr Robson

12 Physical Education**12PED**

Qualification: NCEA Level 2
Entry Requirements: Achievement of PE 1.2 and General Entry Standard (80 credits including literacy).

Content/Skills:

- Programme standards will be a blend of compulsory and co-construction with students.
- Students will experience and participate in a range of physical activities in a variety of contexts.
- Developing learning and key concepts from 11PED students will cover topics such as:
 - Responsible attitude to their own well-being.
 - Respect, care, concern for other people and the environment.
 - Social justice.
 - Inter-relationships between the individual, others, and society.
 - Anatomy and Physiology.
- Credits which count towards literacy requirements.

Leads to UE approved subject: Yes

Field Trips: To be confirmed after co-construction of programme with students (previous trips have included Shooting, High Ropes Course and Skiing).

Voluntary Course Contribution: Student Workbook \$25

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	5	20
External Achievement Standards	-	-	-

Actual Standards are to be co-constructed with teacher but all will be internal standards

Enquiries to: Any member of the PE Staff

12 Physical Education Practical**12SEP**

Qualification: NCEA Level 2
Entry Requirements: An interest in sport and PE activities.

Content/Skills:

- A very practically based subject where students will experience and participate in a wide range of physical activities in a variety of contexts.
- Students will develop a better understanding of their own well-being and how they interrelate with their community and environment.
- Develop a greater understanding of the human body within range of fitness and weight training settings.
- Some written evidence required for most of the standards.

Leads to UE approved subject: No

Field Trips: To be confirmed

Voluntary Course Contribution: To be confirmed

	Level	Number of Standards	Credits
Unit Standards	2	5	14
Internal Achievement Standards	2	2	7
External Achievement Standards	-	-	-

Enquiries to: Any member of the PE Staff

12 Physics

12PHY

- Qualification:** NCEA Level 2
- Entry Requirements:** A minimum of 16 Level 1 Science credits including a physics standard with at least 12 credits at Merit level or above or in consultation with Head of Science.
- Note:** this course needs to be taken if you intend continuing with this subject at Level 3 (Year 13)

Content/Skills:

- Practical skills & physical relationships
- Light and waves
- Mechanics (motion, forces, momentum, energy)
- Electricity and magnetism
- Atomic Physics

Leads to UE approved subject: Yes

Field Trips: Trip to University of Canterbury (one day) – voluntary contribution of approx. \$14 towards transport will be advised at the time.

Voluntary Course Contribution: Student Workbook \$30

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	2	7
External Achievement Standards	2	3	16

Enquiries to: Head of Science, Mr Aulsford

12 Science

12SCI

- Qualification:** NCEA Level 2
- Entry Requirements:** An interest in studying Sciences linked to industry and everyday life with 8 credits or more from Level 1 Science or in consultation with the Head of Science.

Content/Skills: This course will offer an opportunity to experience a broad range of Science-based Achievement Standards that are linked to different Vocational Pathways. Students may gain skills in Science related to Agriculture, Biology, Chemistry, Physics, Astronomy, Geology, Food and/or Health & Sport Science.

A final programme will be put in place as soon as student learning profiles are known.

Leads to UE approved subject: Yes

Field Trips: TBC

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	-	-	-
Internal Achievement Standards	2	4 or 5	16-20
External Achievement Standards	-	-	-

Enquiries to: Head of Science, Mr Aulsford

12 Tourism**12TOU****Qualification:** NCEA Level 2, National Certificate in Tourism (Level 2)**Entry Requirements:** No entry requirements**Content/Skills:**

- Tourist Characteristics
- Work Roles
- Destination New Zealand
- World Tourism
- The Business of Tourism
- Perform calculations for a Tourism Workplace
- Tourism documents

Leads to UE approved subject: No**Field Trips:** None**Voluntary Course Contribution:** Nil

	Level	Number of Standards	Credits
Unit Standards	2	8	24+
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Miss Cadman**12 Trades Experience****12TRX****Qualification:** NCEA Level 2**Entry Requirements:** None, but all applicants must be prepared to undertake an interview where their suitability for this programme is assessed.

This subject takes up 4 columns on the timetable (counts for 4 subjects). Open to Year 12 and Year 13 students.

Content/Skills:

- Work placements two days a week in areas chosen by students
- Students are expected to complete all standards offered. They are expected to work towards NCEA Level 2
- Areas studied include wood and metal skills, literacy and numeracy.

Leads to UE approved subject: No**Field Trips:** None**Course Cost:** \$70 at the start of the year and extra materials consumed will be calculated at the end of the course for the take home component.

	Level	Number of Standards	Credits
Unit Standards	2	15	60
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Mr Backhouse-Smith

Qualification: NCEA Level 2

Entry Requirements: None, but preference given to non-academic students who have struggled with Level 1 work.

Content/Skills:

- Self-management, time management and problem solving
- Banking and personal finance
- Job search skills and job interviews
- Tax and insurance

Leads to UE approved subject: No

Field Trips: None

Voluntary Course Contribution: Nil

	Level	Number of Standards	Credits
Unit Standards	2	9	22
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-

Enquiries to: Mrs Lees