

Level 1 Business Studies

Total number of credits: 22

Course description: The study of business is about how individuals and groups of people organize, plan, and act to create and develop goods and services to satisfy customers. Students will develop an understanding of what makes a small business ‘tick’. How decisions are made, and goods are produced and sold with profit gained. Students plan, develop and run their own business enterprise with the opportunity to experience first-hand the thrill of bringing a product to customers that are willing to purchase it. Business studies at Level 1 creates opportunities for students to: Understand the role of business in society and the economy, Explore the culture of enterprise, Gain knowledge and understanding of good business practice and of business as a productive activity, Develop key life skills such as motivation, team-work, perseverance and communication skills.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
90840	Apply the marketing mix to a new or existing product	3	Y			Y							
90842	Carry out and review a product-based business activity within a classroom context with direction	6	Y			Y							
90841	Investigate aspects of human resource processes in a business	3	Y			Y							
90837	Demonstrate an understanding of internal features of a small business (optional)	4		Y		Y							
90981	Make a financial decision for an individual or group	3	Y			Y							
9677	Communicate in a team or group which has an objective	3	Y										

Equipment: Chromebook or laptop is required

Field Trips: Approx \$30

Level 1 Design & Visual Communication

Total number of credits: 19

Course description: In DVC you will use the creative process to design increasingly complex projects. These projects will involve thinking about the function and form of products, and/or spatial design, developing ideas and presenting the process using effective visual communication skills. Freehand, rendering and technical drawing skills will be learnt to represent realistic images of products, spaces and environments. Students will be able to select the standards that interest them the most.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS91066	Use rendering techniques to communicate the form of own design ideas	3	Y										
AS91068	Demonstrate development of own design communication through graphics practice	6	Y										
AS91069	Promote an organised body of design work to an audience using visual communication techniques	4	Y			Y							
AS91067	Use the work of an influential designer to inform design ideas	3	Y										
AS91063	Produce freehand sketches that communicate design ideas	3		Y									

Supplementary materials/equipment fee: \$10

Stationery: A3 hard wallet, scale ruler, HB and H2 pencil, quality set of 24 colouring pencils, 0.3 black liner pen, eraser, printing credits

Level 1 Construction Materials Technology (Wood)

Total number of credits: 25

Course description: Building Construction and Allied Trades Unit Standards and Technology Achievement Standards are offered in this course. It is a strong advantage to have followed a Technology or Building Construction course pathway if students intend pursuing an Industrial Apprenticeship, or a career in Industrial Technology / Design / Arts. You also need to complete a technology course at Level 1 before you progress to Level 2.

Standards		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
US 24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2	Y										
US 24356	Apply elementary workshop procedures and processes for a BCATS project	8	Y										
US 25920	Use joints for a BCATS project	3	Y										
US 12927	Identify, select, maintain and use hand tools for BCATS projects	4	Y										
US 25355	Demonstrate knowledge of construction and manufacturing materials use in BCATS projects												
US 25919	Use hardware and fastenings for a BCATS project	2	Y										
US 31512	Demonstrate knowledge of BCATS trades involved in the construction of a residential building	2	Y										
US 31813	Complete basic concrete works as a BCATS project	4	Y										

Entry Requirements: Recommended to have done materials technology and/or graphics in Year 10, but not compulsory. Have some interests and abilities in materials technology that includes literacy and research skills **Stationery:** Clearfile **Supplementary Materials/Equipment Fee:** Approx \$100 depending on materials chosen

Level 1 Drama

Total number of credits: 22

Course description: This course explores drama, elements, conventions, technologies and styles of theatre. Students develop physical and vocal technique, use of space and movement to create character. Students will be expected to rehearse and perform in a variety of theatre styles. They will learn to work collaboratively and develop skills of negotiation and leadership. An integral part of studying drama is the opportunity to watch and analyse professional theatre. Students will be expected to rehearse their own performances both in and out of class. There will also be the opportunity to complete a fifth internal. This is an excellent course to pair with Performing Arts Technology.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
90006	Apply drama techniques in a dramatic context	4	Y			Y							
90997	Devise and perform a drama	5	Y			Y							
90999	Uses features of a drama/theatre form in a performance	4	Y			Y							
90009	Perform an acting role in a scripted production	5	Y			Y							
90011	Demonstrate an understanding of the use of drama aspects within live performance OR	4		Y		Y							
90998	Demonstrate understanding of a drama theatre form												

Entry recommendations: Year 10 Drama would be an advantage

Stationery: 1 x 1B5 exercise book, 1 x 20 page clearfile

Level 1 Digital Technology

Total number of credits: 16

Digital Technology focuses on the foundation skills required to produce a final product using designing ideas, coding and electronics skills

Course description: The course will be delivered through three projects. This enables students to build a digital pathway that can lead them to discover what best fits their future career pathway. The course carries through to Level 3 and has various career pathways, this may be to support a career pathway such as engineering, web developer, computer technician or programmer, the sky is your limit!

Achievement Standards		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS91878	Design a digital outcome	3	Y			Y							
AS91880	Develop a digital media outcome	4	Y			Y							
AS91881	Develop an electronics outcome	6	Y										
AS91886	Demonstrate understanding of human computer interaction	3		Y		Y							

Supplementary materials/equipment fee: \$45

Level 1 Engineering Technology

Total number of credits: 20

Course description: This course covers a variety of different skills including MIG welding and lathing as well as a variety of other machines. Students advance their knowledge through practical, hands on learning as well as assessment tasks that lead them through to complete complex projects. Students work with a variety of materials and engineering techniques. The course covers a range of vocational pathways leading students into many possible careers in construction and manufacturing.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
91057	Implement basic procedures using resistant materials to make a specified product	6	Y										
22926	Demonstrate knowledge of safety procedures in a specific engineering workshop	2	Y										
22923	Demonstrate basic engineering workshop skills under close supervision	12	Y										

Entry recommendations: Year 10 engineering technology is an advantage or by consultation with teacher

Supplementary Materials/Equipment Fee: \$80

Stationery: Clearfile, pen, pencil

Level 1 English (Compulsory course at Year 11 for all students)

Total number of credits: Approximately 21

Course description: This thematically based course is designed to enable students to complete Level 1 NCEA by studying a selection of the achievement standards available, according to the ability and needs of the student. The course will include opportunities to develop written, oral and visual skills in English. All students will be expected to aim for Merit and Excellence grades, which will lead to achievement in academic courses at Level 2 and 3.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS90850	Show understanding of specified aspects of studied visual or oral text(s), using supporting evidence	4		Y		Y	N						
AS90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	4		Y		Y	N						
AS90052	Produce creative writing	3	Y			Y	N						
AS90053	Produce formal writing	3	Y			Y	N						
AS90852	Explain significant connections across texts, using supporting evidence	4	Y			Y	N						
AA90855	Create a visual text	3	Y			Y	N						
AS90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3	Y			Y	N						

Equipment: Laptop or Chromebook

Level 1 Geography and Earth Science

Total number of credits: 18

Course description: Geography is the study of the earth as the home of people and provides students with an understanding of the world they live in, both the natural world and the cultural world. We study the natural world through extreme natural events, like volcanism and earthquakes and the cultural world through population concepts and the global food security issue. Global studies, contemporary geographic issues and sustainable use of an environments are studied and provide awareness of difference and issues at different scales, from local to global. Geography also has a practical component, with students taught the skills to collect data through research and field work and to process it through visual presentations and structured writing in reports and essays.

There are 2 fieldtrips; one to the Poor Knights Islands and one to Piroa Falls and Waipu Caves.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
91009	Demonstrate geographic understanding of the sustainable use of an environment	3	Y			Y							
91011	Conduct geographic research, with direction	4	Y			Y	Y						
91013	Describe aspects of a geographic topic at a global scale	3	Y			Y							
91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	4		Y			Y						
90952	Demonstrate understanding of formation of surface features in New Zealand	4	Y			Y							

Supplementary materials: Skills book \$20 and Poor Knights field trip \$100

Level 1 Health

Total number of credits: Up to 24

Course description: Health is a university approved subject. Students will learn a variety of health concepts and strategies and cover topics such as youth issues; changing states of health and managing health; skills to support relationships and solve problems; sexual wellbeing and sexuality education; drug education and related issues. There may also be fieldtrips.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS90971	Take action to enhance an aspect of personal well-being	3	Y			Y							
AS90972	Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations	4		Y		Y							
AS90975	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	4		Y		Y							
AS90973	Demonstrate understanding of interpersonal skills used to enhance relationships	5	Y			Y							
AS90974	Demonstrate understanding of strategies for promoting positive sexuality	4	Y			Y							
AS91097	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	4	y			Y							

Level 1 History

Total number of credits: 20

Course description: This course involves the study of topics from 20th Century history such as International Relations (Origins of WW2) and Black Civil Rights in the USA. The significance to NZ will be examined by looking at such things as the NZ home front during WW2. History is a valuable subject at Level 1 because it enriches students understanding of our world today and helps them understand different perspectives on issues; producing informed citizens for the future. Furthermore, it helps develop organised, analytical thinking and reinforces skills such as; research and essay writing. These are invaluable for tertiary studies in a range of subjects and in many careers.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	4	Y			Y							
AS91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	4	Y			Y							
AS91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	4	Y			Y							
AS91005	Describe the causes and consequences of an historical event	4		Y		Y							
AS91003	Interpret sources of an historical event	4		Y		Y							

Entry recommendations: An acceptable level of competence in reading and writing skills

Supplementary Materials: workbook \$30 and field trip \$40

Level 1 Hospitality

Total number of credits: Approximately 19

Course description: This course supports students who wish to enter into the hospitality training industry or who wish to seek employment in the food industry. There are four components which will be assessed: book work, closed book tests, verbal and practical cookery tasks. **NB:** On average there will be **one practical lesson and three theory lessons** each week.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS 91082	Implement basic procedures to process a specified product	4	Y										
US 19770	Prepare and present egg and cheese dishes in the hospitality industry	3	Y										
US 15901	Prepare and present fruit and vegetables in the hospitality industry	3	Y										
US 15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	3	Y										
US 15920	Prepare and present sauce and soup in the hospitality industry	2	Y										
US 21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	Y										
US 15900	Prepare and present meat in the hospitality industry	4	Y										
US 15919	Prepare and present hot finger food in the hospitality industry	2	Y										

Entry recommendations: Subjects that support this course are the sciences and technology **Stationery etc:** Pens, highlighters, pencils, glue stick, hair ties, covered shoes

Supplementary Materials/Equipment Fee: \$100 for practical component and ServiceIQ individual training/assessment books, photographs for evidence

Level 1 Performing Arts Technology

Total number of credits: Up to 20

Course Description: This is a practical course designed to focus on the technical aspects of the performing arts and offers standards in Costume, Make-up, Prop, Set, Lighting and Sound Design as well as Stage Management. You will also have the opportunity for practical experience by involvement in the technology aspects of drama and school productions such as costume etc and, if taking Sound, setting up for bands and assembly. This course can be taken with or without drama. The course also has cross curricular links to other subjects like art, photography, textiles and media, and music. During the course you will also have the opportunity for theatre trips. If you wish to see what we do, come to the Performing Arts Room behind the stage.

US		Credits	INT	EXT	UE LIT	LIT 1	NUM	CI	MT	PI	SI	SC	CI
US26687	Demonstrate and apply knowledge of sound technology for a performance context	4	Y										
US26686	Demonstrate and apply knowledge of simple stage lighting for a performance context	4	Y										
US27704	Construct item(s) to meet production needs for a performance context from a given brief. This is a Level 2 standard.	4	Y										
US26689	Demonstrate knowledge of costuming for a performance context	3	Y										
US26688	Demonstrate knowledge and techniques of make-up application for a performance context	4	Y										
US26690	Assist in performing arts production by undertaking a specified production role	2	Y										

Entry recommendations: Experience in design and/or construction welcome

Stationery: A4 ringbinder (2 ring), refill pad, 10 pack of copy safe pocket

Level 1 Mathematics (Compulsory course at Year 11 for all students)

Total number of credits: Up to 18

Course description: This is a compulsory course for all Year 11 students. Students must gain a minimum of 10 credits in numeracy in order to be awarded their NCEA Level 1 Certificate. All standards included in this course will count towards the numeracy component of NCEA Level 1. This course is both a continuation of material learnt in Years 9 and 10, and also an introduction to some new ideas. It will cover a selection of Achievement Standards from the NCEA Level 1 Mathematics and Statistics matrix. All students will study and be assessed against 3 internal standards in the first half of the year. Based on these results, recommendations from teachers and student pathway choice students will be enrolled in further Internal standards and/or External standards. The standards that students undertake will determine their future possible pathways in mathematics.

If students wish to study **Statistics** in Year 12 and 13 they will need to achieve in **Chance and Data 91037**. If students wish to study **Mathematics and Calculus** in Year 12 and 13, they will need to achieve **91027 Algebra, and 91028 Graphs**.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
91026	Apply Numeric Reasoning in Solving Problems	4	Y				Y						
91036	Investigate Bivariate Numerical Data using the Statistical Enquiry Cycle	3	Y			Y	Y						
91029	Apply Linear Algebra in Solving Problems	3	Y				Y						
	Then either Mathematics with Algebra												
91027	Apply Algebraic Procedures in Solving Problems	4		Y			Y						
91028	Investigate Relationships between Tables, Equations and Graphs	4		Y			Y						
	Or Mathematics with Statistics												
91035	Investigate given Multivariate data set using the Statistical Enquiry Cycle	4	Y			Y	Y						
91037	Demonstrate Understanding of Chance and Data	4		Y			Y						

Supplementary Materials/Equipment Fee: + Workbooks: \$15

Scientific Calculator is required

Level 1 Music

Total number of credits: Up to 26. Subject endorsement is possible with the inclusion of an external standard

Equipment: 1 x refill pad, 1 x document wallet

Course description: This course allows students to develop their music skills as they explore and use the elements, conventions, processes, techniques, and technologies of music. It provides students with the opportunity to perform as both a featured soloist and as a member of a group; compose a variety of pieces of music; develop their aural skills, and study a variety of pieces of music, identifying and describing the musical features and social context of the works. Students should be able to play an instrument and should be taking lessons either through the Itinerant Music scheme or privately. It is expected that students dedicate at least 2 hours per week towards practising their instrument.

AS/US	Standard Title	Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
91090	Perform two pieces of music as a featured soloist	6	Y		N	N	N						R
91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	4	Y		N	N	N						R
91092	Compose two original pieces of music	6	Y		N	N	N						R
91094	Demonstrate knowledge of conventions used in music scores	4		Y	N	Y	N						R
91095	Demonstrate knowledge of two music works from contrasting contexts	6	Y		N	Y	N						R
32300	Demonstrate and apply introductory knowledge of MIDI sequencing	2	Y		N	N	N						
32301	Demonstrate and apply introductory knowledge of a music notation application	2	Y		N	N	N						
31191	Demonstrate knowledge of new Maori music	4	Y		N	N	N						

Level 1 Spanish

Total number of credits: Approximately 19 – 24

Course description: This NCEA course continues the communication skills already learnt in Year 9 &10 Spanish and covers topics which are relevant to being able to communicate in the real world. Topics include School and Beyond, Eating Out, Travel and Transport, Communication and Health.

AS		Credits	Int	EXT	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS 90909	Give a spoken presentation in Spanish that communicates a personal response	4	Y										
AS 90910	Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations (optional)	5	Y										
AS 90912	Write a variety of text types in Spanish on areas of most immediate relevance	5	Y										
AS 90908	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance	5		Y									
AS 90911	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance	5		Y									

Entry recommendations: To achieve success in NCEA Level 1 Spanish, students will need to have completed the Year 10 Spanish course

Level 1 Science (Compulsory course at Year 11 for most students)

Maximum number of credits: 20

Course description: In NCEA Level 1 Science there are three possible pathways that build on Year 10 knowledge and lead into Level 2 specialist science subjects:

- Biochemistry (biology and chemistry) encompassing the achievement standards 90925, 90948, 90930, 90947 and 90950
- Physical Science (chemistry and physics) encompassing the achievement standards 90951, 90947, 90935, 90940 and 90950
- Biomechanics (biology and physics) encompassing the achievement standards 90925, 90948, 90935, 90940 and 90950

Students choose one of these pathways at the end of Year 10, with their choice being based on their career paths and interest.

Standards		Credits	Int	Ext	LIT L1	NUM	CI	MT	PI	SI	SC	C1
90950	Investigate ideas relating to interactions between humans and micro-organisms	4	Y		Y							
90925	Carry out a practical investigation in biology with direction	4	Y			Y						
90948	Demonstrate understanding of biological ideas relating to genetic variation	4		Y	Y							
90930	Carry out a practical chemistry investigation with direction	4	Y			Y						
90947	Demonstrate selected chemical reactions	4	Y			Y						
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship with direction	4	Y			Y						
90940	Demonstrate understanding of aspects of mechanics	4		Y		Y						
90951	Investigate the biological impact of an event on a New Zealand ecosystem	4	Y		Y		Y	Y	Y	Y	Y	Y

Level 1 Te Reo Maori

Total number of credits: Approximately 18

Course description: This NCEA course has a combination of practical and written assessments and will continue the work covered in Year 10 Te Reo and Tikanga Maori standards.

AS/US		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
AS 91085	Whakarongo kia mohio ki te reo o tona ao	6	Y			Y							
AS 91086	Korero kia whakamahi I te reo o tona ao	6	Y			Y							
AS 91088	Tuhi I te reo o tona ao	6		Y		Y							
AS 91087	Panui kia mohio ki te reo o tona ao	6		Y		Y							

Entry recommendations: Students who were successful in Te Reo Maori in Year 10. Students are also expected to participate in Nga Manu Korero competitions. Students will be expected to sit at least one of the two external standards and complete a minimum of two internal standards

Supplementary Materials/Equipment Fee: to be advised

Stationery: 1x 2B5 book and Maori dictionary

Level 1 Visual Arts

Total number of credits: 16 – 22

Course description: This is a full year course. Students will work to develop their skills by generating and developing ideas through drawing into ‘finished’ art work, in a range of media. They will also look at different ways in which art is produced by artists and designers in New Zealand and around the world, both in contemporary and historical context. Subject endorsement is possible with inclusion of the external standard portfolio presentation of 12 credits.

AS		Credits	Int	Ext	UE LIT	LIT L1	NUM	CI	MT	PI	SI	SC	CI
90914	Use drawing methods & skills for recording information using wet & dry media	4	Y										
91915	Use drawing conventions to develop work in more than one field of practice	6	Y										
91916	Produce a body of work informed by established practice, which develops ideas, using a range of media	12		Y									

Entry recommendations: Should have completed Year 10 Art

Stationery: 2 X 2B graphite pencils, 1 x 12 pkt watercolour pencils, 1 X A3 Drawing envelope, 1 X A3 20 page clear file

Supplementary Materials/Equipment Fee: \$40 take home materials (All materials will be provided by the Art Department through the course contribution)

Year 11 – 13

It is possible for senior students to enrol in either Video Conferencing or Te Kura.

Video conferencing is where the student meets once a week online with an allocated teacher. This meeting will be when they have a normal timetabled class. The student must attend the online class. After that, the student will have three lessons (usually timetabled in the Library) to keep up-to-date with their online work.

The following courses will be offered for Video Conferencing in 2023. <https://olc.school.nz/Courses>

Te Kura is where the student completes all their work online. There is a series of lessons which the students work through. The student will have three lessons (usually timetabled in the Library) to keep up to date with their online work.

The current courses are offered by Te Kura. <https://www.tekura.school.nz/subjects-and-courses/> These may be subject to change in 2023.

Online courses are available to students who demonstrate a strong work ethic and like working by themselves in an online environment. Students can choose different subjects to those that are offered at Rodney College. Students can also choose a course which they are not able to do at Rodney College due to a subject clash. Students can also choose which level they work at: NCEA Level 1, NCEA Level 2, NCEA Level 3.