



Year 11 Rathkeale

**Years 12 and 13 Rathkeale/St Matthew's
Senior College**

CURRICULUM BOOKLET 2019

Name:
Year (2019)

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PLEASE NOTE: For information on Scholarships that are available – see the individual University websites as there are now too many to include in this booklet.	

***Students must ensure that this booklet
is kept in a safe place.
It will be a guiding document
for the 2019 Academic Year.***

Section A: Introduction

AIMS:

The aims of the Senior College are to:

- Encourage all students to achieve their full potential in the classroom, on the sports field, and in cultural activities.
- Provide an autonomous course of study suited to individual abilities in preparation for tertiary study and the world of work.
- Create an environment in which young men and women can learn to live together and respect each other as individuals.

THE APPROACH:

The Senior College operates in the following manner:

- There is a natural progression of students to the Senior College from St Matthew's and Rathkeale.
- Applications to enter the Senior College are welcomed from students in schools other than St Matthew's and Rathkeale.
- A carefully planned orientation ensures that all students are familiar with the Rathkeale campus facilities.
- The Senior College is accredited through Rathkeale College and St Matthew's Collegiate to assess Achievement and Unit Standards for NZQA Qualifications.

THE COURSES:

The courses available at Senior College include:

- The possibility of multi-level courses which students may plan where appropriate.
- Specialist courses through outside providers such as Taratahi, UCOL, and U-Skills which cater for individual needs.

All assessment will be by Achievement and/or Unit Standards towards NZQA qualifications.

STUDENT WELFARE:

- Deans have overall responsibility for both year groups in the Senior College.
- Students are divided into groups under a registrar who will carefully monitor their academic progress and general welfare. These groups meet regularly.
- Students are regarded as young adults who should take full responsibility for their progress and should exercise constructive self-discipline. Staff are always on hand to guide, monitor and encourage.

Section B:- Preliminary Subject Choices

During the next few weeks you are asked to make a preliminary choice of subjects for the next academic year. This is required to give an approximate number of students interested in each subject allowing a timetable to be constructed. To make this preliminary choice, please read this curriculum booklet carefully, collect subject specific information as needed from the Subject Information Evening (to be held on 25th of August), Careers office, HOD's or from the Rathkeale College website and consider the following points:

- Keep options open for the future by choosing a good balance of subjects.
- Consider taking subjects at different levels to best suit your abilities and needs.
- Remember you are choosing subjects to improve your all round education, not as a job training exercise.
- Think about any career decisions that you have made.

- Plan the course that you will take or need in Year 13 first, then as well as Year 12 and possibly Year 11.
- Think about your particular strengths.
- Think about the practical commitment in some subject areas that may affect the time you have available for other activities.
- Make sure you are informed about subject costs and other requirements.

The information gained from this preliminary choice of subjects will enable the numbers of students interested in particular subjects to be determined. This information is especially relevant for subjects where small numbers make the running of a class unlikely.

Students choosing subjects across levels will be counselled individually to ensure that there is a high probability of success and that academic needs are met.

Rathkeale Year 11 boys

All boys will take English or ESOL, Mathematics, one of the Science options and Religious Studies. All students must choose three subjects from Agriculture, Commerce, Hard Materials Technology, Drama, Digital Technology, French, Geography, Design and Visual Communication, History, Music, Physical Education, Te Reo Maori and Visual Art.

English and Mathematics classes will be streamed according to ability. There are two different courses offered for Mathematics: students will be directed into the most appropriate one after considering their performance in the Year 10 course.

Senior College Year 12 boys and girls

Entry into NCEA Level 2 is not automatic. Students must have gained NCEA Level 1 to be admitted to a full Level 2 course. Students must meet the pre-requisites for any subjects they wish to take (see individual subject sheets on the Rathkeale College website for pre-requisites). However, pre-requisites for subjects such as Food & Nutrition, Design and Visual Communication; Digital, Hard (Wood), Soft (Fabric) Technologies or B.C.A.T. (Building Construction and Allied Trades Skills) do not apply where the subject was not available at Year 11.

Students intending to return for Level 3 study in 2020 must ensure that the Level 2 course chosen in 2019 will lead on to a full Level 3 course. All students will take English or ESOL and will choose five other subjects. English is streamed and some students may be entered in a combined Level 1/Level 2 class depending on English Level 1 results from 2018. The HOD will decide who is entered in this class.

Students are strongly encouraged to continue with Mathematics. There are two courses available. Students should discuss these courses with their teacher or the HOD, to ensure that they choose the correct course.

Senior College Year 13 Boys and Girls

Entry into NCEA Level 3 is not automatic. Students must have gained NCEA Level 2 to be admitted to a full Level 3 course.

Students must also meet the pre-requisites for any subjects they wish to take (see individual subject sheets on the Rathkeale College website for pre-requisites).

All students will choose 5 subjects which may be at a variety of Levels. No subjects are compulsory, but students are encouraged to take at least one language rich subject.

Transition, Gateway, PITA and STAR Courses

Gateway courses are fully funded Employment based courses requiring students to work and study to complete industry-based Unit Standards which are fully supervised. These enable students to experience working in an employment situation which may indeed lead to further education or employment in their chosen career.

PITA courses are available through a local Tertiary provider, Taratahi. It is an Agriculture/Horticulture/Equine centre. Courses are fully supervised and provide the opportunity to complete standards toward Levels 1 to 3. These are fully funded.

STAR Courses are usually provided in Polytechnics and UCOL locally. These are usually fully funded, though some costs may be incurred for external exams. It is also possible for students to complete extension courses through University and other Tertiary providers.

NB: Students will be admitted to these programmes only after discussion with Senior Deans and parents have taken place.

Section C: Costs Involved in the Senior College

There are a number of costs involved in studying subjects and in gaining qualifications at the senior level. These fall into three categories:

1. NZQA IMPOSED COSTS:

These are the fees that are collected by the school but paid directly to NZQA. They vary depending on the level of study and the number of credits being attempted.

In 2018 the following fees were imposed:

New Zealand students	\$76.70	<i>In 2019 each scholarship subject entered will cost \$30.00.</i>
Foreign Fee-Paying students	\$383.30	<i>In 2019 each scholarship subject entered will cost \$102.20.</i>

In 2018 NCEA fees were capped at \$200 per family for families having more than one student entering qualifications. There were also reduced fees for families on a benefit or with a low income. It is anticipated that this will continue in 2019. To apply for reduction, a form must be completed. Information on this is sent to all parents/guardians at the appropriate time. Reduced fees do not apply to overseas students. In the past, the scholarship fees have been paid by school if a reasonable attempt is made by the student.

2.COST FOR MATERIALS OR REQUIRED PERSONAL EQUIPMENT:

All subjects require materials such as pens, pencils, calculator, paper, folders, etc. Some subjects require other materials, eg Art, Food Technology, Hard Materials Technology, Design and Visual Communication. Costs for these will be advised in the course information given to students and will be disbursed. Other subjects have major costs because they require specialist equipment, eg Photography requires a camera. Geography, Biology, Agriculture, Agribusiness, Physical/Outdoor Education and possibly other subjects have field trips that are a compulsory part of the course. Costs of these will vary depending on accommodation, distance travelled, length of stay etc.

Details regarding arrangements and costs for these activities will be communicated to parents in advance and approval of involvement will be required.

Write-on course notes and other take home components will be charged.

Please ensure you are familiar with subject costs and if you have any queries please contact the Head of Department to clarify the situation.

3.COSTS FOR OPTIONAL EQUIPMENT OR ACTIVITY:

Some subjects have optional activities or books. It is not necessary for the student to take up these options; therefore, the costs involved in these are not necessarily incurred. A trip to Wellington to see a play would be an option for a Senior class if a Wellington group were staging a play of the type being studied.

Equipment for Outdoor Education is necessary - students cannot go up in the mountains without the necessary boots, warm weatherproof clothing, packs and sleeping bags. However, some of this equipment can be borrowed from friends or hired and even if it has to be purchased it is not necessary to have the latest designer clothing - the ability of the clothing to keep the wearer warm and dry is the only pre-requisite! In some cases, equipment and clothing can be purchased through the school to gain bulk buying discounts. In this case payment is required at the time of ordering.

You will be advised of these and other course costs. They will be disbursed unless alternative arrangements are made in advance.

Section D: Information on National Qualifications

Students are promoted from Year 11 - 13 based on age. Students in Years 11 - 13 may take subjects at any NZQA level, subject to meeting appropriate standards and pre-requisites. Students in Year 11 and 12 will usually choose six subjects. Students in Year 13 will normally study five subjects but may choose to study a sixth subject after consultation.

National Certificate of Educational Achievement (NCEA) Level 1, 2, and 3

Students will be assessed against Achievement and possibly Unit Standards in some cases. Some of these standards are internally assessed by the school during the course of the year. Some standards are externally assessed by an examination or portfolio at the end of the school year.

NCEA Literacy & Numeracy Requirements

The literacy and numeracy requirement for NCEA at all levels is 10 credits of literacy and 10 credits of numeracy at level 1 or higher.

There will be two ways of meeting the literacy and numeracy requirement. One way will be through the newly developed literacy and numeracy Unit Standards, the other way will be through specified Achievement Standards from a wide range of subjects.

- **The Unit Standard Option**

This option is a package of three standards (10 credits) for literacy and a package of three standards (10 credits) for numeracy. Students will be directed down this path if it suits their academic needs.

- **The Achievement Standard Option**

This allows students to meet their literacy and numeracy requirement through achievement standards, without the need for additional assessment tasks. Literacy standards are offered in a wide range of subjects; numeracy standards are offered in Mathematics, Science and DVC.

UNIVERSITY ENTRANCE (MINIMUM REQUIREMENTS FOR UNIVERSITY ENTRANCE)

NCEA level 3, including:

- 42 Credits at Level 3 or above, made up of 14 credits each, in three approved subjects.
- 10 Credits in Literacy at Level 2 or above (5 credits in reading and 5 credits in writing)
- 10 Credits in Numeracy at Level 1 or above

Literacy

5 credits in Reading and 5 credits in Writing at Level 2 or 3 must be achieved to gain University Entrance.

Subjects that contribute to UE Literacy are:

Subject	Level 2	Level 3
Agriculture		√
History of Art		√
Biology		√
Business Studies		√
Chemistry *		√
Classical Studies	√	√
Digital Technology*		√
Drama *	√	√
Economics *	√	√
English	√	√
Geography *	√	√
History	√	√
Food & Nutrition *	√	√
Mathematics*		√
Music		√
Physical Education *		√
Physics*		√

*Only a few standards count towards University Entrance literacy

Students are advised to check carefully with the Deans or Deputy Principal to ensure that they have UE Literacy catered for in their Course selections.

The approved subject list includes all of the following subjects which are currently part of our curriculum:

Agriculture, Biology, Business Studies, Chemistry, Classical Studies, Digital Technology, Design (Practical Art), Drama, Economics, English, French, Geography, Design and Visual Communication, History, History of Art, Japanese, Maths - Calculus, Maths - Statistics, Music Studies, Painting, Photography, Physical Education, Physics, Technology (Hard and Soft Materials).

Students should be aware that Universities have introduced a grading system to rank students for entry to courses. Each University has a slightly different system and students should make themselves familiar with the requirements of their University of choice.

NZQA SCHOLARSHIP

This is a separate exam for most level 3 subjects (except Visual Art, Design and Visual Communication and Materials Technology, where portfolios are assessed) in which entries are based on an individual subject basis. There are monetary rewards for gaining scholarship in individual subjects and across several subjects. The number of scholarships available depends on the number of students entering a particular subject at NCEA Level 3. Students are advised individually about scholarship entry.

Section E: RATHKEALE & SENIOR COLLEGE POLICY ON INTERNAL ASSESSMENT

General

It is essential that work submitted for assessment really is the student's own work.

If a student is found to have submitted work, which is not, his/her own or that cannot be verified as his/her own, then a Not Achieved grade will be given for the assessment.

If a student knowingly allows work to be copied by another student and submitted for assessment, then a Not Achieved grade will be given to both students.

If a teacher suspects that work is not authentic, the student will be referred to the Principal's Nominee for further investigation. The results of the investigation will be reported in writing to the student and parent(s) / caregiver(s).

Acknowledgement and Recording of Assessment Results

Students are required to sign the subject teacher's record sheet or the actual assessment at the time that work is returned to acknowledge and accept the results that are recorded. [The exception is in the case of an appeal - see later note]

Students will be provided with a printout of their personal results that are held on the school computer system. This printout is to be signed and returned to the subject teacher as an acknowledgement that the data held is accurate.

Appeals

Students have a right to appeal if:

- they believe an assessment has not been fair, valid or consistent.
- they believe that they have unfairly been denied a re-assessment opportunity.
- there is an alleged moderation or marking inconsistency.
- they believe they have been wrongly accused of an authenticity breach.

Students should appeal to the subject teacher in the first instance. The problem will usually be resolved at this point.

If the student is not satisfied with the response from the subject teacher, then the student should

1. Leave the work with the subject teacher.
2. Leave the results notice unsigned.
3. See the Principal's Nominee within five school days to fill in a form to request an appeal.

The Principal's Nominee will investigate the appeal and if necessary seek expertise from another teacher of the subject under appeal. The student and parent(s)/caregiver(s) will be informed in writing of the results of the appeal. The decision is final.

Missed Assessment

1. A due date for each assessment will be given well in advance. If a student is in danger of missing a deadline for legitimate reasons, an extension should be negotiated **in advance**. Subject teachers will discuss extensions with the Principal's Nominee to ensure consistency. If adequate opportunity has been provided for students to complete a task the request is likely to be declined. A grade of Not Achieved will be given if the student fails to hand in the work.

Legitimate reasons may include, but are not limited to, sports, cultural or academic involvement, illness or personal / family crisis. In all cases appropriate documentation must be provided. The Principal's Nominee will be responsible for determining whether or not a reason is legitimate.

2. A student who is absent on the day of a summative assessment and has a legitimate reason will, if practicable, be given an assessment opportunity as soon as possible on his/her return to school. Teachers may be able to award a grade from existing standard specific evidence.
3. If a student believes that his/her performance in an assessed activity has been impaired because of illness, bereavement, trauma or other unforeseen circumstance then they may apply for an extension or further assessment opportunity.

In all cases students must provide a note from a parent, doctor or their Dean and **complete a Missed Assessment application form within five school days of the original deadline** for a further assessment opportunity or an extension.

Further Assessment Opportunities

Students may be offered a single further assessment opportunity for each internally assessed standard. This will only be available if it is manageable in terms of practical issues, manageability, cost and if it does not compromise the integrity of the work being assessed. The availability, or not, of a further assessment opportunity will be signalled in the Course Outline of each subject.

Special Assessment Conditions

Students may be given special assessment conditions such as (but not limited to) reader/writer, extra time, use of a computer. The guidelines used will be those that apply for external assessment. Please note that some standards, such as those requiring accuracy would not be considered for writer assistance. Students entering the College at Year 9 are assessed and recommendations are put forward concerning reader/writer assistance. Parents should contact the College if they have evidence that such assistance has been recommended.

Digital Storage of Assessment Material

Students have full responsibility to store and safe guard their own work at all times. The use of cloud-based storage, OneNote etc, is strongly encouraged. In the event of assessment material being irretrievable from hard drives etc it will be treated as not being submitted and will receive an NA grade.

Section F: SUBJECT CHOICE & CAREERS

The subjects you choose to study as you progress throughout college will have a major influence on the tertiary courses and /or career options you may pursue in the future. It is important to give serious thought to your future career path beyond college and that you choose subjects which are realistic, appropriate and advantageous.

Many students find making choices about their future difficult. However, there are a number of tools within the college that can assist in making informed choices, and all students are advised to make full use of the assistance available.

- **Careers New Zealand** www.careers.govt.nz This is an extremely useful website with access to extensive careers and course information with links to national and international sites. There are in-depth job profiles, funding and training information, industry overviews, labour market research and statistics. Almost all tertiary institutions have their own websites and the internet

A fully stocked and accessible **Careers Room**. Information is kept up to date and is easily accessed. There is a wide variety of information including: apprenticeships pamphlets, prospectus, course and institution brochures, books outlining the options in various categories and levels of training, an extensive job file, magazines and computer access to the internet and Career Quest. Help is available in the Careers Room to assist students in accessing the information they require.

- **In School opportunities.** Liaison advisors from Tertiary institutions visit and there are organised trips to Career Expos and Open Days. Opportunities to extend student knowledge about Careers exist in the Kahikatea/Panorama programme at years 11, 12 and 13 as well as Years 9 and 10 Career sessions and events held during the year.
- **A Careers page** on the School website is updated to keep students informed of upcoming events and opportunities. All year 12 and 13 students should make a point of viewing this information.

A Careers Advisor is readily available for consultation both by appointment and informally. The advisor has additional resources to assist those students who are undecided or who require more information and guidance about future tertiary options.

Please contact sam@rathkeale.school.nz

Current Career research suggests that today's school leavers will change the course of their CAREERS (not Jobs) at least four times throughout their working lives, and that most will be involved in continuing education at least at some point. In addition, it is acknowledged that many of the jobs of the future are changing and/or are "still being invented". Transferable skills are therefore most important. Where students are uncertain as to which career path they wish to pursue, the best course of action is to develop and extend existing strengths and interests.

Subjects Offered

St Matthew's NZQA L1	Rathkeale NZQA L1	Senior College NZQA L2	Senior College NZQA L3
English or ESOL →		English or ESOL →	English or ESOL
Mathematics →		Mathematics 201 Mathematics 202 →	Calculus Statistics Mathematics
Applied Science Science	Natural Science Physical Science Agriculture	Biology Chemistry Physics Agriculture Agribusiness	Biology Chemistry Physics Agriculture Agribusiness
		Classics →	Classics
Economics	Commerce	Business Studies Economics	Business Studies Economics
	Design & Visual Communication →	Design & Visual Communication →	Design & Visual Communication
	Digital Technology →	Digital Technology →	Digital Technology
Drama →		Drama →	Drama
French →		French →	French
Food & Nutrition		Food & Nutrition →	Food & Nutrition
Geography →		Geography →	Geography
History →		History →	History History of Art
Japanese		Japanese →	Japanese
Music →		Music →	Music
Physical Education →		Physical Education →	Physical Education
Technology (Hard Materials or Fabric) →		Technology (Hard Materials) → Technology (Fabric Materials) → B.C.A.T.	Technology (Hard Materials) Technology (Fabric Materials)
		Tourism →	Tourism
Visual Art →		Visual Art – Painting → Visual Art – Photography → Visual Art – Design →	Visual Art – Painting Visual Art – Photography Visual Art – Design
KEY:			
→ Pre-requisite course			
→ Advantage course			

Section G: Subject Guidelines for Careers Requiring University Study

Some of the more common careers are listed below in alphabetical order. The subjects to take at school are listed as “important” and “useful” to gain the necessary skills and qualifications for this career option. As course requirements vary and change between the various Polytechnics and Universities, this sheet should be used as a guide only. You should contact the institutions yourself if you require more specific information. All require the basic entry requirement to University while others will specify certain subject grade averages and may require an interview and/or a portfolio of work.

Foreign languages are important across all the following careers listed below, if students wish to pursue opportunities internationally.

CAREER	IMPORTANT SUBJECTS	USEFUL SUBJECTS
Accountant	Business Studies Economics Maths with Statistics	English Economics Calculus
Advertising / Marketing	English	Statistics Drama Economics Accounting Business Studies
Agriculture – Business	Mathematics Horticulture Accounting	Agri-Business Economics Biology Business Studies
Agriculture – Science	Biology Chemistry Mathematics	Agriculture Agri-Business
Architecture	Maths with Calculus Physics Art	DVC History English Geography History History of Art Classical studies
Architectural Technician	English Mathematics Physics Chemistry DVC	
Architecture – Landscape		English Maths with Statistics Geography Biology Art DVC
Archivist / Curator		English Classical Studies Geography History Languages Art History

CAREER	IMPORTANT SUBJECTS	USEFUL SUBJECTS
Broadcasting / Communication	English Media Studies	Drama English History Media Studies
Business Studies	English Mathematics Business Studies Accounting Economics	
Computer Graphic Design	Art English Mathematics Art History DVC	
Computing and Information Systems	Calculus Maths with Statistics	Sciences Commerce English
Conservation	English Biology Maori Geography Maths with Statistics	Physical Education Chemistry
Defence Forces	English And one or more of: - Sciences / Commerce / Arts subjects	Medical and age requirements
Dentistry	Maths with Statistics English Physics Chemistry Biology	
Computer Design - Fashion - Landscape - Illustration - Theatre	Practical Art for all As above but also Maths	Drama
Design - Graphic	Art	Art History English DVC Maths
Design - Industrial	Art	English DVC
Economist	Calculus Economics	English Statistics
Education / Teacher	English One or more specialist subjects	
Engineering	Calculus Maths with Statistics Chemistry English Physics	

CAREER	IMPORTANT SUBJECTS	USEFUL SUBJECTS
Engineering - Chemical	Calculus Chemistry Physics	Maths with statistics English Biology
Engineering – Civil	Calculus Chemistry Physics	English
Engineering – Electronic	Calculus Chemistry Physics	English Maths with Statistics
Engineering – Environmental Natural Resources	Calculus Chemistry Physics	English Biology Geography
Engineering – Forestry	Biology Chemistry Economics English Calculus Maths with Statistics	Physics
Engineering – Mechanical	Calculus Chemistry Physics	English Maths with Statistics
International Business	Maths with Statistics	Economics Accounting Business Studies History Geography Languages
Journalism	English	Drama History Languages
Law (A double degree is anticipated)	English Other specialist subjects for 2 nd degree	Classical Studies History Geography History of Art Media Studies Drama
Lecturer	English Masters' degree is a minimum, preferably a PhD	Drama
Medicine	English Maths with Statistics Chemistry Physics Biology	Check with the course provider. Requirements vary.
Nursing	English Mathematics Biology Chemistry Physics	

CAREER	IMPORTANT SUBJECTS	USEFUL SUBJECTS
Optometry	Biology Chemistry Calculus Maths with Statistics Physics	No direct school intake
Planner	English	Geography Economics Biology
Policy Analyst		Economics English Geography History
Physiotherapy and Pharmacy	Maths with Statistics English Physics Chemistry Biology	Check with course provider. Requirements vary.
Science Related	Calculus Maths with Statistics Chemistry Physics Biology English	
Social Work		English Drama History Geography
Surveying	Calculus English Physics	Geography Biology
Tourism Management	English	Economics Accounting Geography Maths with Statistics Languages
Valuation – Fine Arts	English Art History Art	History Drama
Valuation – Property		Calculus Maths with Statistics Economics Accounting English
Viticulture	Biology Chemistry	Economics English
Vet	Biology Chemistry Physics Mathematics (Statistics)	English Mathematics (Calculus) History

Section H: Subject Guidelines for Careers Requiring Other Tertiary Study

Polytechnics offer Certificates, Diplomas and Degrees. Diploma and Degrees all have entry criteria for students under 20.

Certificates – open entry

Diplomas – Level 5 & 6 usually require NCEA L2

Degrees – 42 credits at Level 3. Literacy at level 2 and numeracy at level 1. This is the same entry criteria as University.

Some of the more common careers are listed below with an outline of the subjects/level/grade required for entry.

CAREER	IMPORTANT SUBJECTS	ENTRY GUIDE
Automotive Mechanic	Mathematics English Science	Min. 3 Years secondary Will complete an Apprenticeship
Business Studies	English Mathematics Business Studies Accounting Economics	Level 2
Carpentry / Joinery	Mathematics English Design & Technology Hard Materials	Min. 3 Years secondary Will complete an Apprenticeship
Computer Software Technician	Mathematics English	Level 2
Chef / Hospitality	English Mathematics	Min. 3 Years secondary Will complete Apprenticeship and/or City & Guild qualifications Minimum age may apply.
Electrician	English Mathematics Science or Physics	3 Years secondary Will complete an Apprenticeship
Electronics	English Mathematics Physics	Level 2
Farming	Mathematics English Agriculture Science Hard Materials Technology Agri-Business BCAT	3 Years secondary schooling
Fitness Instructor / Sport Science	English Physical Education Science or Biology	Level 2
Horticulture / Forestry Worker	English Agriculture Agri-Business	3 Years secondary schooling

CAREER	IMPORTANT SUBJECTS	ENTRY GUIDE
Medical Imaging / Radiation Technology	English Physics Mathematics with Statistics Or Calculus	Level 3 (University Entrance)
Nursing	English Mathematics Biology Chemistry	Level 3 (University Entrance) Check individual institutions
Occupational Therapy	English Biology Physical Education	Level 3 (University Entrance)
Outdoor Recreation / Adventure Tourism	English Physical Education	Age restrictions and detailed experience necessary
Police	English Mathematics Physical Education	Age and medical restrictions
Travel and Tourism	English Geography Mathematics	3 years secondary schooling
Veterinary Nursing	Biology Chemistry	Level 2
Welding & Engineering	English Mathematics (calculus) Science (physics)	3 Years secondary Will complete an Apprenticeship