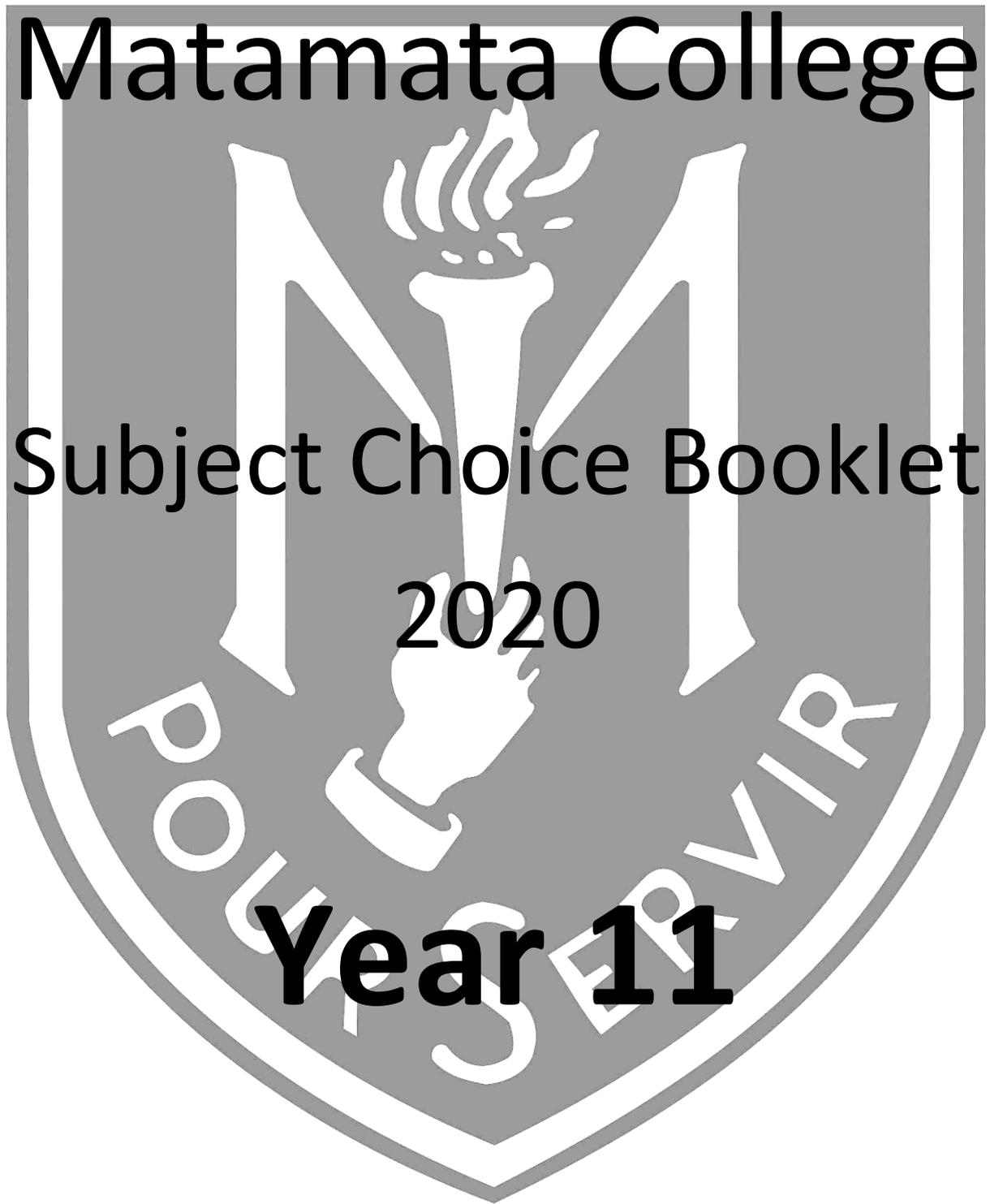


Matamata College

Subject Choice Booklet

2020

Year 11



Accounting (ACC100)		Commerce
Description The Level 1 Accounting Course is a one-year course designed to enable students to establish background knowledge of Cash Accounting, enabling them to keep accurate journals and ledgers and prepare and interpret financial statements for a sole proprietor and community organisation. This course applies classroom learning to real life financial endeavours.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards • Literacy credits 	
Course Content During the course students will: <ul style="list-style-type: none"> • Process financial information for a sole proprietor • Produce and analyse basic financial statements for a sole proprietor and for a community organisation • Use a decision-making model to make a financial decision 	Prerequisites None	
	Costs None	
	Literacy Level <ul style="list-style-type: none"> • Students will need good literacy skills 	

Art Painting (ART100)		Arts
Description This course aims to equip students with the necessary skills to achieve, with guidance, at this level. Students will learn to draw with a variety of different media, e.g. pencil, paint, ink, pastel and explore ideas using a range of selected subject matter. They will learn how to compose a piece of work and how to develop their ideas.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
Course Content This course is practical, with some theory and research. It involves a logical approach that explores and develops ideas and uses the work of other artists into a body of practical work that is the students own. Students will be taught methods and techniques that will help them to achieve the internal and external standards on offer.	Prerequisites Y10 Visual Art or by arrangement	
	Costs \$55 Optional Stationery Art Pack	
	Literacy Level <ul style="list-style-type: none"> • Suits students at all literacy levels 	
Additional Notes Year 11 Art is a prerequisite for Y12 Painting or Y12 Photography.		

Construction and Allied Trades Skills (CAT100)		Hard Technologies
Description Students have the opportunity to train under the Building and Construction Industry Training Organisation (BCITO) to gain skills associated with the building and construction industry.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • BCATS Entry Level 1 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards 	
Course Content This is an internally assessed program where students will have the opportunity to study materials, safe working procedures and working processes associated with the building industry.	Prerequisites Y10 Wood and HOD Wood approval	
	Costs The cost to the department for materials to deliver this course is \$40. A donation/contribution can be paid on your student's account. Items the student makes and wants to take home may incur additional costs, depending on the amount of extra materials used. Parental/guardianship permission would be sought prior to a fee being charged. This must be paid in full before the product can be taken home.	
	Literacy Level <ul style="list-style-type: none"> • Suits students at all literacy levels 	

Design and Visual Communication (DVC100)		Technology
Description In Year 11 Design and Visual Communication you will explore concept design and gain knowledge in spatial design, product design and graphic design. You will complete these projects exploring sketching skills, computer aided drawing and model making.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
Course Content What students are going to gain from the course: <ul style="list-style-type: none"> • Sketching and drawing skills • Traditional technical drawing skills • CAD skills (Archicad and Sketch up) • Graphic design skills (Photoshop) • Model making skills (3D printer, hard materials) • Specialist product design knowledge • Specialist interior design knowledge • Specialist graphic design knowledge 	Prerequisites Students should have experience of DVC at Year 9 or 10 level	
	Costs An A3 Visual Diary is required for this course. It can be purchased from school for \$12 (optional). A fee may be charged for any optional component, trip etc related to this course. Parental/guardianship permission would be sought prior to this fee being charged.	
	Literacy Level <ul style="list-style-type: none"> • Students will need good literacy skills 	

Digital Design & Office (DDO100)		Digital Technologies
<p>Description</p> <p>This subject gives students an introduction to many of the design and office skills in Digital Technology.</p> <p>There is a wide range of career options in the computing industry that are well paid and there is a high demand for positions such as Database Administrator, Office Specialist, Adobe Specialist, Web Site Designer, Animator and Computer Designer</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standard 	
<p>Course Content</p> <ul style="list-style-type: none"> • Website design and creation • Mobile phone or game interface design • Introduction to databases • Design & documents in Microsoft Word or Publisher • Using Excel • Animation (if possible) 	<p>Prerequisites</p> <p>None, but completion of 9DGT, 9DIT or 10IDT would be an advantage</p>	
	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
<p>Additional Notes</p> <ul style="list-style-type: none"> • Students can take both DDO100 and DSH100 if they wish 		

Digital Science & Hardware (DSH100)		Digital Technologies
<p>Description</p> <p>This subject gives students an introduction to many of the hardware and computer science topics in Digital Technology.</p> <p>There is a wide range of career options in the computing industry that are well paid and there is a high demand. These include Computer Technician, Hardware Designer, Electronic Engineer, Programmer and Computer Scientist.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standard 	
<p>Course Content</p> <ul style="list-style-type: none"> • Electronics using the Arduino microprocessor • Designing a computer from components • Building a PC and Installing Windows • Programming using Python • Image compression 	<p>Prerequisites</p> <p>None, but completion of 9DGT, 9DIT or 10IDT is recommended.</p>	
	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Additional Notes</p> <ul style="list-style-type: none"> • Less academic students should consider taking DDO100 instead of this course • Students can take both DDO100 and DSH100 if they wish 		

Drama (DRA100)		Drama
<p>Description</p> <p>This subject teaches students a range of performance styles and skills. It explores both modern and historical theatrical forms and focuses on developing students' confidence in performing for a live audience.</p> <p>Students will find this course useful if they are considering any form of career in a performance-based industry. It will help them develop confidence in addressing both small and large groups of people and teaches them the importance of being able to work collaboratively with their peers.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
<p>Course Content</p> <p>This course covers the following aspects of Drama:</p> <ul style="list-style-type: none"> • Exploration of Drama techniques • Improvisation skills • Elements and Conventions of Drama • Devising original Drama • Performing for a live audience • Analysis and understanding of Drama processes and performance 	<p>Prerequisites</p> <p>None – 10DRA would be an advantage</p>	
	<p>Costs</p> <p>A fee may be charged for any optional component, trip (live theatre visits) etc. related to this course. Parental/guardianship permission would be sought prior to the fee being charged.</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	

Economics (ECO100)		Social Sciences
<p>Description</p> <p>Economics examines the choices people make about the use of limited resources to satisfy unlimited wants. This Level 1 course helps you to understand how markets operate and how consumers (buyers) and producers (sellers) determine what they are going to buy and sell.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
<p>Course Content</p> <p>During the course students explore:</p> <ul style="list-style-type: none"> • Consumer Choices, Scarcity & Demand • Producer Choices & Supply • Market Equilibrium • Producer Decision Making • Effect of a Government Decision • Interdependence of Sectors of the Economy 	<p>Prerequisites</p> <p>None</p>	
	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy and numeracy skills 	

Engineering (EER100)		Hard Technologies
Description This course will be comprised of Engineering Unit Standards and the designing and making of appropriate practical projects which include specific skill requirements.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA Unit Standards • National Certificate in Engineering 	
Course Content The Engineering Standards are specific competency-based studies of skills and knowledge covering a range of: <ul style="list-style-type: none"> • Workshop safety – general and welding • Hand tools • Machine tools • Joining methods • Measurement • Materials • Finishing procedures • Drawing and design 	Prerequisites None	
	Costs The cost to the Engineering department for materials to deliver this course is \$35. A donation/contribution can be paid on your student's account. Items the student makes and wants to take home may incur additional costs, depending on the amount of extra materials used. Parental/guardianship permission would be sought prior to a fee being charged. This must be paid in full before the product can be taken home.	
	Literacy Level <ul style="list-style-type: none"> • Suits students at all literacy levels 	

English for Speakers of Other Languages (ELL100)		Languages
Description This course has been developed to assist learners whose first language is not English, to achieve English language skills across all levels and gain NCEA credits.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards • Unit standards • Formative and Summative 	
Course Content <ul style="list-style-type: none"> • Participate in basic, spoken everyday transactions • Read and understand basic texts on very familiar topics • Read and understand basic texts for practical purposes • Write basic texts on familiar topics • Write basic texts for practical purposes • Respond to basic instructions 	Prerequisites English is not your first language	
	Costs IELTS if entered	
	Literacy Level <ul style="list-style-type: none"> • Suits students with English literacy needs 	

Fashion & Design (FDT100)		Soft Materials Technology
<p>Description</p> <p>This subject gives students the opportunity to learn basic to slightly advanced sewing skills. They will sew a variety of garments to meet their needs.</p> <p>Students will find this course useful if they want to work in the fashion, interior design or textile industries or if they want to learn the skills of garment construction.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standard 	
<p>Course Content</p> <ul style="list-style-type: none"> • Research about influential designers • Plan and sew garments you would like to wear • Study the elements of design • Develop fashion drawing skills • Improve your sewing skills 	<p>Prerequisites</p> <p>None – Y9 or Y10 Fashion & Design an advantage</p>	
	<p>Costs</p> <p>There is a cost associated to this course for a student to construct a garment. Students will calculate the cost of their garment. Parental/guardianship permission would be sought prior to this cost/fee being charged. This must be paid in full before the garment can be taken home. Suitable fabrics for garments are available at school but students may wish to choose and purchase their own fabric.</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students with fair literacy levels 	

Food & Nutrition (FNT100)		Soft Materials Technology
<p>Description</p> <p>This course is challenging, interesting and varied for those thinking about university study and who are interested in food technology, nutrition, health promotion and cooking. It is more suited to students who want in depth knowledge of food safety issues and strategies, following food technology briefs efficiently and developing food product outcomes successfully; and for those who want to learn about balanced eating using nutrition guidelines to write a food plan report for a New Zealand teenager. It will sufficiently prepare students with necessary cooking and academic research skills needed to progress to Level 2 Food Technology.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA Achievement Standards • External NZQA standard 	
	<p>Prerequisites</p> <p>Year 10 Food Technology</p>	
<p>Course Content</p> <ul style="list-style-type: none"> • Demonstrate knowledge of an individual's nutritional needs • Demonstrate knowledge of practices and strategies to address food handling issues. • Implement basic procedures to process a specified product • External: AS 90961 Making sense of food labels for health to understand why and how food label information influences food choices and enhances or negatively impacts health and wellbeing 	<p>Costs</p> <p>A donation/contribution can be paid on your student's account. A fee may be charged for any optional component, trip etc. related to this course. Parental/guardianship permission would be sought prior to this fee being charged.</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Additional Notes</p> <p>Students are expected to wear an apron and hairnet/cap (supplied) during all practical lessons. Wearing closed toe shoes is recommended for practical lessons</p>		

French (FRE100)		Languages
Description Year 11 French continues to develop the language skills learned in Years 9 and 10. The main emphasis is on increasing students' ability to understand everyday French and to use it for listening, speaking, reading and writing.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
Course Content <ul style="list-style-type: none"> • My own country • Travel • Health 	Prerequisites Year 10 French	
	Costs None	
	Literacy Level <ul style="list-style-type: none"> • Students will need good literacy skills 	

Geography (GEO100)		Social Sciences
Description This subject looks at the environment as the home of people; how it changes and the connections between the two. It develops an ability to see and think holistically. Students will find this course useful in any future careers or studies as a Social Science background is highly sought after.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types... <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards 	
Course Content Geographic skills will be developed, and Geographic concepts explored through a range of contexts including: <ul style="list-style-type: none"> • Population Studies • Sustainable use of Environments • Geographic Skills • Geographic Research • Contemporary NZ Geographic Issues • Global Topics • Extreme Natural Events 	Prerequisites None	
	Costs None	
	Literacy Level <ul style="list-style-type: none"> • Students need good literacy skills 	

History (HIS100)		Social Sciences
<p>Description Explore what happened in the past and why. History helps you to make sense of the world that we live in and helps you speculate on possible futures.</p> <p>This Course is focused on 20th Century History and New Zealand's place in that story.</p> <p>Course Content Topics could include 9/11, the Black Civil Rights Movement, and the Springbok Tour. Students have the opportunity to select their own topics for research assessments.</p> <p>What students are going to gain from the course</p> <ul style="list-style-type: none"> • Empathy • Research skills • Internet literacy • Written communication skills • Ability to judge the worth of information • Greater perspective on current events 	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards • All standards earn literacy credits 	
	<p>Prerequisites None – an enjoyment of Social Studies or English an advantage</p>	
	<p>Costs None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Additional Notes Many countries make History a compulsory subject in the way English, Science, and Maths are in New Zealand. If you wish to work and travel overseas, this may prove a good choice for you.</p>		

Hospitality (HTY100)		Soft Materials Technology
<p>Description Hospitality 100 is a foundation Hospitality course within the context of cookery. This course places a strong emphasis on food, personal and kitchen safety.</p> <p>Students learn about and prepare and present a variety of dishes using ingredients from the 5-food groups. Students are encouraged to follow cookery guidelines along with teacher demonstrations to heighten their chance of success. Hospitality is a creative subject too, so students will be encouraged to be creative as they plan, prepare, cook and present food during cooking lessons and assessments.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • ITO Unit Standards 	
	<p>Prerequisites It is preferable that students have completed Year 10 Food Technology but this is not a necessity.</p>	
	<p>Costs A donation/contribution can be paid on your student's account. A fee may be charged for any optional component, trip etc. related to this course. Parental/guardianship permission would be sought prior to this fee being charged.</p>	
<p>Course Content</p> <ul style="list-style-type: none"> • Knowledge of, preparation and presentation of dishes for the hospitality industry that contain: <ul style="list-style-type: none"> ○ Fruit, vegetables, meat, eggs, cheese • Knowing the difference between baking great scones, sponges and cakes and applying this knowledge in cooking lessons • Knowledge of skewered, crumbed and filled finger food and applying this knowledge in cooking lessons • Learning about the quality indicators of a range of ingredients from the 5-food groups • Learning about a range of food within the context of cookery and presenting food within a simulated commercial kitchen for the Hospitality industry 	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
<p>Additional Notes Students are expected to wear an apron and hairnet/cap (supplied) during all practical lessons. Wearing closed toe shoes is strongly recommended for practical lessons.</p>		

Māori (MAO100)		Languages
Description This is an NCEA Level 1 course. Students will develop their listening, reading, writing and speaking skills at a basic level.	Qualification <ul style="list-style-type: none"> NCEA Level 1 Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> Internal NZQA standards External NZQA standard 	
	Prerequisites Satisfactory completion of Year 9 & 10 Māori	
Course Content <ul style="list-style-type: none"> A variety of learning opportunities based on current learning contexts, modern themes and topics as well as the local history and knowledge of the people and the area. 	Costs None	
	Literacy Level <ul style="list-style-type: none"> Suits students at all literacy levels 	

Māori Performing Arts (MPA100)		Music
Description This course will provide scope for the extension of knowledge and skills in the area of Māori performing arts.	Qualification <ul style="list-style-type: none"> NCEA Level 1 	
	Assessment Types <ul style="list-style-type: none"> Internal NZQA Unit Standards 	
	Prerequisites Entry is at the discretion of the Learning Area Leader.	
Course Content This course includes <ul style="list-style-type: none"> Demonstrating knowledge and skills of performance components The origins of disciplines, kākahu, mau rākau, ngā tākaro and people associated with Māori Performing Arts 	Costs None	
	Literacy Level <ul style="list-style-type: none"> Suits students at all literacy levels 	

Music (MUS100)		Music
<p>Description</p> <p>This subject allows students to enhance their musical skills in theory, aural, performance and composition. This is through the study of composers and their musical works as well as music technology.</p> <p>Students will find this course useful if they are planning to pursue a career in music or just have a strong interest in music.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA Achievement Standards • External NZQA Achievement Standards • Internal NZQA Unit Standards 	
	<p>Prerequisites</p> <p>At least two years instrumental/vocal training Successful completion of Year 10 Music</p>	
	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Course Content</p> <ul style="list-style-type: none"> • Solo and group performance • Composition • Musical theory • Music technology • Composers and their musical works 		
<p>Additional Notes</p> <p>Students must receive either private or itinerant lessons on their chosen instrument.</p>		

Physical Education (PED100)		Physical Education
<p>Description</p> <p>This subject gives students a range of experiences in physical activity and outdoor education. The aim of this course is to empower students to develop a breadth of knowledge, skills and attitudes that will make a significant contribution to their wellbeing and success within and beyond the classroom.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course Endorsement to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal Achievement Standards- 	
	<p>Prerequisites</p> <p>Satisfactory performance and attendance in core Health and Physical Education at Year 10 or at the Head of Department's discretion.</p>	
	<p>Costs</p> <p>A fee may be charged for any optional component, trip etc. related to this course. Parental/guardianship permission would be sought prior to the fee being charged.</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
<p>Course Content</p> <ul style="list-style-type: none"> • Practical performance – using strategies to improve performance • Biophysical principles – understanding how the body functions and moves, optimising performance using scientific principles • Investigate physical activity in society • Demonstrate safe behaviours in outdoor environments • Facilitating an event – running the Special Olympics Football or teaching primary students 		

Wood Technology (WWK100)		Hard Technologies
<p>Description Senior woodwork students will have the opportunity to train under the Furniture Industry Training Organisation (FITEC).</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • National Certificate in Furniture Making 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • ITO Standards 	
<p>Course Content This is an internally assessed course which studies workshop safety, time management, hand tools, portable power tools, woodturning and some fixed machinery.</p>	<p>Prerequisites Students must have completed a Woodwork Technology course at Year 10 level, or entry to this course will be at the discretion of the Learning Area Leader.</p>	
	<p>Costs The cost to the Wood department for materials to deliver this course is \$40. A donation/contribution can be paid on your student's account. Items the student makes and wants to take home may incur additional costs, depending on the amount of extra materials used. Parental/guardianship permission would be sought prior to a fee being charged. This must be paid in full before the product can be taken home.</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	

Sciences at Year 11

At Year 11 all students are required to choose from the following list:

- Science
- Agriculture
- Biological Science
- Physical Science
- Biological Science & Physical Science
- Agriculture along with Biological and/or Physical Science

Agriculture / Horticulture (AGR100)		Science
<p>Description This course is part of the National Certificate in Agriculture (Level 2). Agriculture / Horticulture course is made up of NCEA and Agriculture Industry Training Organization standards. The emphasis is on practical skills and basic Agriculture / Horticulture theory.</p> <p>The course prepares students for higher level study, life skills, direct links to the Polytechnics, on-job training and links with training providers.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • National Certificate in Agriculture (Level 2) <p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • ITO standards 	
<p>Course Content</p> <ul style="list-style-type: none"> • Animal Physiology & Reproduction • Garden Maintenance • ATV • Tractor • Fencing • Plant Propagation • Dairy 	<p>Prerequisites None. The course is an applied Science subject and students should be willing to get their hands dirty.</p> <p>Costs A fee may be charged for any optional component, trip etc. related to this course. Parental/guardianship permission would be sought prior to the fee being charged.</p> <p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
<p>Additional Notes Students taking this course can also take BIO100, PSC100 and/or SCI100.</p>		

Biology (BIO100)		Science
<p>Description An introduction to major concepts in biology, including the structure and function of organisms from the molecular to the organ system level. Students will develop an understanding of how organisms rely on each other and the processes which living organisms carry out in order to live successfully in their environment.</p> <p>Students will find this course useful if they are planning to have any career in Scientific Research, Medicine & Health, Environmental Science, Horticulture or Agriculture.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence <p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standards <p>Prerequisites Good level of achievement in Year 10 Science.</p> <p>Costs None</p> <p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Course Content The areas of study are</p> <ul style="list-style-type: none"> • Microbes • Human Organ Systems • Plant Reproduction • Genetics • Life Processes in Plants 		
<p>Additional Notes Students taking this course can also take AGR100 and/or PSC100, but cannot take SCI100.</p>		

Physical Science (PSC100)		Science
<p>Description</p> <p>This subject builds on the skills and theory covered in the junior Science courses. It is a course that involves an equal commitment to both Physics and Chemistry.</p> <p>Students wishing to take Chemistry and/or Physics in Year 12 must take this course. It helps to prepare students for careers in engineering, construction, medicine and aviation.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standard 	
	<p>Prerequisites</p> <p>Good level of achievement in Year 10 Science</p>	
	<p>Costs</p> <p>None</p>	
<p>Course Content</p> <ul style="list-style-type: none"> • Acids and Bases • Implications of the use of Carbon Compounds as Fuels • Implications of Chemistry for Society • Electricity and Magnetism • Forces, Motion and Energy 	<p>Literacy Level</p> <ul style="list-style-type: none"> • Students will need good literacy skills 	
<p>Additional Notes</p> <p>Students taking this course can also take AGR100 and/or BIO100, but cannot take SCI100.</p>		

Science (SCI100)		Science
<p>Description</p> <p>Science is needed for many careers. These courses aim to develop concepts introduced in junior Science, covering aspects from all areas of the Sciences, and to give students a general understanding of the world around us.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards 	
	<p>Prerequisites</p> <p>Year 10 Science</p>	
	<p>Costs</p> <p>None</p>	
<p>Course Content</p> <p>Selection of topics from:</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics • Earth Science • Astronomy 	<p>Literacy Level</p> <ul style="list-style-type: none"> • Student literacy skills are used to help determine which class they are placed in by the Learning Area Leader. 	
<p>Additional Notes</p> <p>This course does not adequately prepare students wishing to take any of the Year 12 sciences. Students wishing to take any of the Science subjects at Year 12 must take Biological Science and/or Physical Science. However, individual cases will be considered depending on grades gained over the year. Students taking this course cannot also take BIO100 or PSC100.</p>		

English, Maths & Health/PE at Year 11

At Year 11 all students are required to do English, Maths and Health/PE

- Students will be placed into the most suitable class
- For English, students must take ONE English course. You need to list three choices based on your preferences

English		English
<p>Description</p> <p>All students in Year 11 are enrolled in an NCEA Level 1, Year 11 English Course. This will involve teaching, learning and assessing in the two areas of:</p> <ul style="list-style-type: none"> • Creating Meaning – Listening, Reading and Viewing • Making Meaning – Speaking, Writing and Presenting 	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards • External NZQA standard 	
	<p>Prerequisites</p> <p>None</p>	
<p>Course Content</p> <p>The activities included in this course will involve a variety of writing tasks, as well as responding to various works of literature; short stories, poetry, novels and films. In addition, the course will emphasise speaking to an audience and constructing visual texts. The course will build on skills established in Years 9 and 10</p>	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
English (ENG1AR)		
<p>Description – Appearances vs Reality</p> <p>Sometimes what people or things appear to be can be different from the reality. This course will look at the differences between appearances and reality and how to tell the difference.</p>		
English (ENG1CP)		
<p>Description – Crime and Punishment</p> <p>Crime has an impact on society. The morality and the fine line between right and wrong can often be called into question. This course will explore texts looking at human nature and the impact of crimes and their punishments.</p>		
English (ENG1DC)		
<p>Description – Dystopia and Conspiracy Theories</p> <p>We don't live in a perfect world. Some people seek to manipulate and control others. This course will look at texts that show how the world can sometimes be far from ideal.</p>		
English (ENG1EP)		
<p>Description – Exploring the Past</p> <p>Maya Angelou, a famous American writer once said: "If you don't know where you've come from, you don't know where you are going." This course will explore texts that are based on our history such as world and civil wars.</p>		
English (ENG1SU)		
<p>Description – Survival</p> <p>It is human instinct to survive against many odds. This course will look at survival in its differing forms; in the wilderness, in society, in social situations and through emotional, tough times.</p>		
English (ENG1SL)		
<p>Description – Sports and Leisure</p> <p>The benefits of sport and leisure on our physical, mental and emotional health is well known. This course will explore texts that focus on sports, leisure activities, health and physical wellbeing.</p>		
English (ENG1LT)		
<p>Description – Literacy</p> <p>This course will look at the more practical side of English to prepare students for the workforce. This course will best suit students who need extra support with their reading and writing. Students will be identified and selected by the Head of Learning Area for English.</p>		

Mathematics (MAT101-103)		Mathematics
Description Mathematics is considered by many employers to be a necessity when applying for a job. Many university and polytechnic courses require some grounding in basic Mathematics.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 • Course endorsements to Excellence 	
	Assessment Types <ul style="list-style-type: none"> • Internal Achievement standards • External Achievement standards 	
Course Content Three courses will be presented at Level One Mathematics made up of standards selected from the following: <ul style="list-style-type: none"> • Number • Algebra • Tables, Equations and Graphs • Measurement • Geometric Reasoning • Right Angle Trigonometry • Statistical Investigation • Probability and Statistical Literacy 	Prerequisites None	
	Costs All students must have a scientific calculator (or Graphics calculator if Mathematics is to be studied in Year 12 or 13)	
	Literacy Level <ul style="list-style-type: none"> • Suits students with average literacy levels 	
Additional Notes Students will be directed to take one of the three courses offered based on their results in Year 10 Topic Tests and end of year e-AsTTle Test. In order to advance to a Level 2 Mathematics course, students will need to gain a minimum of 14 credits in Level 1 Mathematics.		

Mathematics (MAT104)		Mathematics
Description This is a two-year course allowing students to gain skills at the basic numeracy level.	Qualification <ul style="list-style-type: none"> • NCEA Level 1 Numeracy 	
	Assessment Types <ul style="list-style-type: none"> • Unit standards based on portfolios in the first year. • Internally assessed Level 1 Achievement Standards and Level 2 Unit Standards in the second year 	
Course Content In the first year the course will be made up of the three Level 1 Numeracy Standards: <ul style="list-style-type: none"> • Number • Measurement • Statistics In the second year, students will undertake a course of study involving internally assessed Level 1 Achievement Standards and Level 2 Unit Standards	Prerequisites None	
	Costs All students must have a scientific calculator	
	Literacy Level <ul style="list-style-type: none"> • Suits students with average or below literacy skills 	
Additional Notes Students will be directed to take this course based on their results in Year 10 Topic Tests and end of year e-AsTTle Test.		

Health and Physical Education (HPE100)		Physical Education
<p>Description</p> <p>This subject gives students an opportunity to participate in a range of Sports and Fitness activities and Dance. Students will also examine aspects of Health.</p> <p>This course will be a mixture of practical and theory lessons.</p>	<p>Qualification</p> <ul style="list-style-type: none"> • NCEA Level 1 	
	<p>Assessment Types</p> <ul style="list-style-type: none"> • Internal NZQA standards 	
	<p>Prerequisites</p> <p>Completion of Year 10</p>	
	<p>Costs</p> <p>None</p>	
	<p>Literacy Level</p> <ul style="list-style-type: none"> • Suits students at all literacy levels 	
<p>Course Content</p> <ul style="list-style-type: none"> • Sports Education Team Sports • Leisure Sports • International Games • Fitness • Dance • Interpersonal Skills • Teenage Health Issues • Career Choices 		

Notes:

