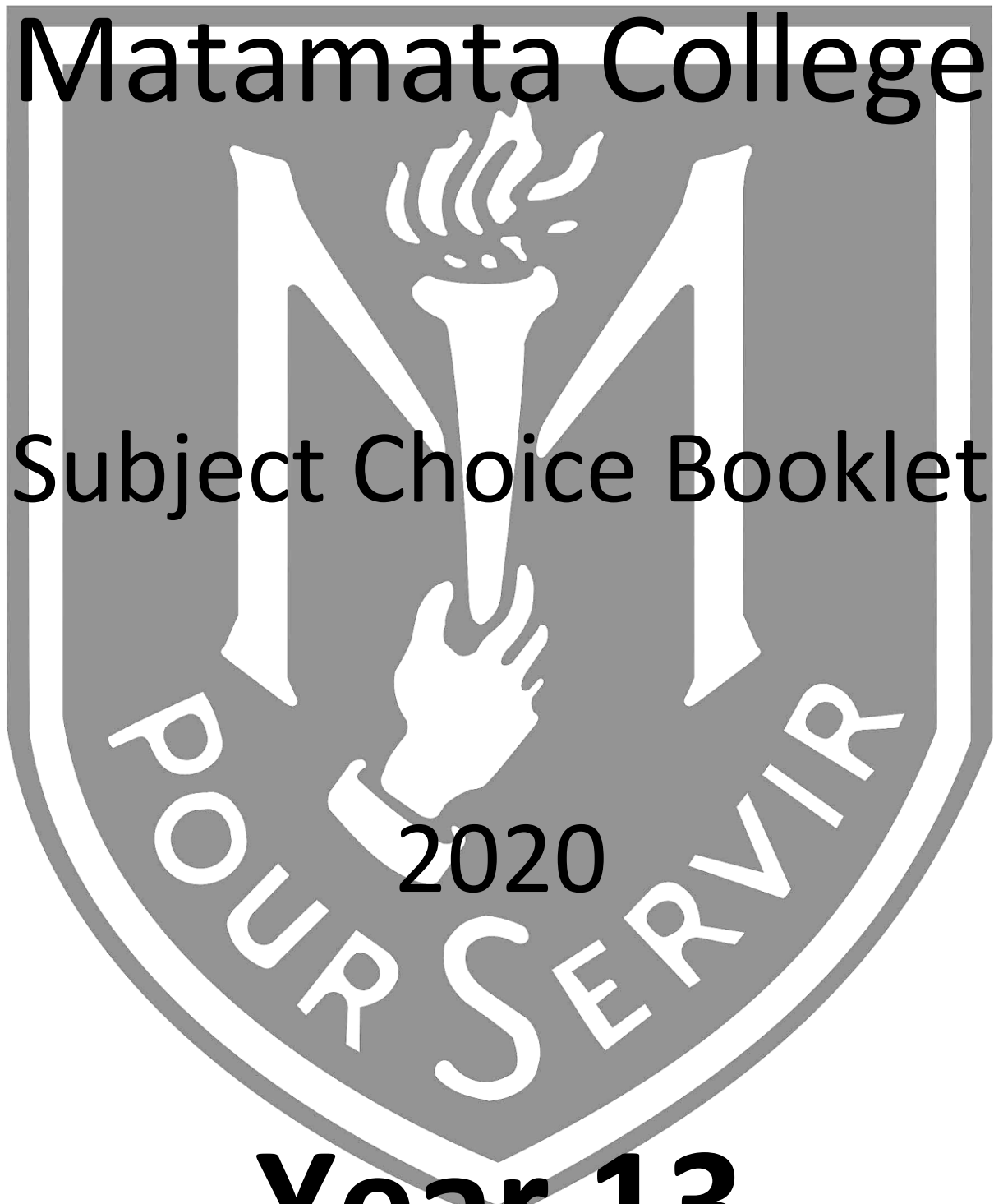


# Matamata College

## Subject Choice Booklet

2020

# Year 13



<b>Accounting (ACC300)</b>		<b>Commerce</b>
<p><b>Description</b></p> <p>This is a one-year course designed to enable students to develop the skills and knowledge required to continue to study Accounting at a tertiary level. This course also prepares students for the use of accounting practices in the modern world, which is not only limited to recording financial transactions but also provides a basic framework for decision making, providing relevant information to various users and assists in both short run and long run planning.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsement to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> <li>• Literacy and numeracy credits</li> </ul>	
<p><b>Course Content</b></p> <p>During the course students will:</p> <ul style="list-style-type: none"> <li>• Process financial information and prepare financial statements for partnerships and companies</li> <li>• Explore manufacturing job cost sub-systems</li> <li>• Prepare information for management decision making</li> <li>• Prepare a report for an external user that interprets the annual report of a NZ reporting entity</li> </ul>	<p><b>Prerequisites</b></p> <p>ACC100 is recommended.</p>	
	<p><b>Costs</b></p> <p>None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
	<p><b>Additional Notes</b></p> <p>Accounting complements a variety of subjects such as ECO300.</p>	

<b>Agriculture / Horticulture (AGR300)</b>		<b>Science</b>
<p><b>Description</b></p> <p>A continuation of the Agriculture / Horticulture course started at Year 11 &amp; 12 which is assessed under the Primary Industry Training Organisation. The emphasis is on more advanced practical skills and Agriculture / Horticulture theory. (These credits are transferable to the NCEA Level 3 qualification)</p> <p>This course prepares students for: higher level study, life skills, direct links to the Polytechnics, on-job training and links with training providers</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• National Certificate in Agriculture (Level 3)</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• ITO standards</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Nursery Production</li> <li>• Animal Anatomy &amp; Physiology</li> <li>• ATV</li> <li>• Tractor</li> <li>• Fencing</li> <li>• Rural Workplace Injuries</li> </ul>	<p><b>Prerequisites</b></p> <p>None. This course is an applied Science subject Students must be willing to get their hands dirty.</p>	
	<p><b>Costs</b></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><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Suits students at all literacy levels</li> </ul>	

<b>Art Painting (ART300)</b>		Art
<p><b>Description</b> Painting at Level 3 prepares students for entrance to university and independent study. It is a highly personalised journey and students must be extremely motivated to succeed. They will build on skills and techniques acquired at Level 2 and develop their means of self-expression.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b> This course is highly practical with some research and a great deal of practical application of ideas and techniques. The disciplines of drawing, printmaking and painting are covered in depth. This course assumes a high degree of personal interest and commitment, plus a developed ability to think creatively and originally.</p>	<p><b>Prerequisites</b> Level 2 paint/photography &amp; by arrangement</p>	
	<p><b>Costs</b> \$55 Optional Stationery Art Pack</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
	<p><b>Additional Notes</b> Students must have completed ART100 to be guaranteed entry into this course. Completion of ART200 is also recommended.</p>	

<b>Art Photography (ARP300)</b>		Art
<p><b>Description</b> Photography at Level 3 prepares students for entrance to university and independent study. It is a highly personalised journey and students must be extremely motivated to succeed. They will build on skills and techniques acquired at Level 2 and develop their means of self-expression.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b> This course is highly practical with some research and a great deal of practical application of ideas and techniques. The discipline of photography and computer manipulation are covered in depth. This course assumes a high degree of personal interest and commitment, plus a developed ability to think creatively and originally.</p>	<p><b>Prerequisites</b> Level 2 paint/photography &amp; by arrangement</p>	
	<p><b>Costs</b> \$25 Optional Stationery Art Pack</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Suits students at all literacy levels</li> </ul>	
	<p><b>Additional Notes</b> A digital SLR camera is helpful but not compulsory as there are some available for student use through a booking system.</p>	

<b>Biology (BIO300)</b>		Science
<p><b>Description</b></p> <p>The course further develops the Biological concepts covered at Level 2, including the structure and function of organisms from the molecular to the organ system level. Students will develop their understanding of how organisms adapt and respond to their environment and learn about human evolution. They will also carry out a thorough practical investigation and produce an evidence-based personal opinion on a controversial topic.</p> <p>Students will find this course useful if they are planning to have any career in Scientific Research, Medicine &amp; Health, Environmental Studies, Horticulture or Agriculture.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b></p> <p>The areas of study are:</p> <ul style="list-style-type: none"> <li>• How organisms respond to their environment</li> <li>• Detailed biological investigation</li> <li>• Human biological and cultural evolution</li> <li>• Homeostasis (how animals maintain a stable internal environment)</li> <li>• Biotechnological advances in gene transfer</li> <li>• Investigation of a socio-scientific issue</li> </ul>	<p><b>Prerequisites</b></p> <p>Students must have satisfactorily completed the Level 2 Biology course</p>	
	<p><b>Costs</b></p> <p>None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

<b>Calculus (MAC300)</b>		Mathematics
<p><b>Description</b></p> <p>This course encourages the development of mathematical skills. It is designed for students who may take up tertiary study in Mathematics, Sciences, Medicine, Engineering and related fields.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b></p> <p>The areas of study are</p> <ul style="list-style-type: none"> <li>• Differentiation</li> <li>• Integration</li> <li>• Trigonometry</li> <li>• Complex numbers and equations</li> </ul>	<p><b>Prerequisites</b></p> <p>14+ Level 2 Mathematics Achievement Standards including Algebra, Calculus and Graphs</p>	
	<p><b>Costs</b></p> <p>None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Suitability for the course may be decided by consultation with the Learning Area Leader of Mathematics and the Year 13 Dean.</p> <p>A Graphics calculator is essential.</p>		

<b>Chemistry (CHE300)</b>		Science
<p><b>Description</b></p> <p>This course develops the ideas introduced from Year 12 Chemistry. It consists of 5 units of work developing research, practical skills and theoretical knowledge.</p> <p>Students will find this course useful if they are planning to pursue a career in the Science, Technology or Medical Sciences fields.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
	<p><b>Prerequisites</b></p> <p>CHE200</p>	
	<p><b>Costs</b></p> <p>None</p>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Inorganic structure and bonding</li> <li>• Reduction and oxidation reactions</li> <li>• Aqueous solutions</li> <li>• Organic chemistry</li> <li>• Spectroscopy</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Exceptional students with PSC100 and MAT101 can apply to be considered for the course.</p>		

<b>Design and Visual Communication (DVC300)</b>		Technology
<p><b>Description</b></p> <p>In Year 13 Design and Visual Communication you work on one project that covers either product or spatial design. You will be exposed to a professional advisor for your design ideas. You can choose to complete these projects using your strengths in sketching, computer aided drawing and model making.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> <li>• Scholarship</li> </ul>	
	<p><b>Prerequisites</b></p> <p>Students should have experience of DVC200</p>	
	<p><b>Costs</b></p> <p>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.</p>	
<p><b>Course Content</b></p> <p>What students are going to gain from the course:</p> <ul style="list-style-type: none"> <li>• Project management skills</li> <li>• CAD skills (Archicad, Solid Works)</li> <li>• Graphic design skills (Photoshop)</li> <li>• Specialist product design knowledge</li> <li>• Specialist spatial design knowledge</li> <li>• Specialist graphic design knowledge</li> <li>• Specialist construction design knowledge</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

<b>Digital Science and Hardware (DSH300)</b>		<b>Digital Technology</b>
<b>Description</b> The aim of this course is to give students advanced computing skills needed for future employment. Students will learn how to use a range of computer hardware and software to solve problems to a high standard. Students will further develop skills in computer programming.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved Subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
	<b>Prerequisites</b> Successful completion of DSH200 (or) Merit or above average in DDP200 (or) Successful completion of ENG201 or MAT201	
	<b>Costs</b> None	
<b>Course Content</b> <ul style="list-style-type: none"> <li>• Programming</li> <li>• Configuring a network</li> <li>• Computer Science</li> </ul>	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
	<b>Additional Notes</b> UE in DSH300 is gained in the Technology domain.	

<b>Digital Design and Office (DDO300)</b>		<b>Digital Technologies</b>
<b>Description</b> This subject gives students the ability to refine their text processing skills enabling them to enter the workplace.  Students planning to attend University will find the skills learnt very useful, especially those studying Arts, Economics or Accounting.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved Subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
	<b>Prerequisites</b> Ideal if student has done Level 1 or Level 2 DDO or DSH but not essential.	
	<b>Costs</b> None	
<b>Course Content</b> Depending on the student, units might include: <ul style="list-style-type: none"> <li>• General Computer Literacy</li> <li>• Advanced Word Processing</li> <li>• Advanced Spreadsheet/Database</li> <li>• Advanced Presentation</li> <li>• Advanced Desktop Publishing</li> <li>• Advanced Websites</li> </ul>	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Suits students at all literacy levels</li> </ul>	

<b>Drama (DRA300)</b>		<b>Drama</b>
<p><b>Description</b></p> <p>This subject continues to build upon performance skills taught in DRA200. It focusses on developing students' practical experience of Drama and, in particular, performing for a large, live audience in a major production.</p> <p>Students will find this course useful if they are considering a career in a performance-based industry or any occupation that requires speaking to and managing large groups of people.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Working with published script</li> <li>• Solo performance work</li> <li>• Devising Drama</li> <li>• Acting skills (based on Stanislavski's system)</li> <li>• Analysis and understanding of Drama processes and professional performance</li> <li>• Performing for a live audience</li> </ul>	<p><b>Prerequisites</b></p> <p>DRA200</p>	
	<p><b>Costs</b></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><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills.</li> </ul>	

<b>Economics (ECO300)</b>		<b>Social Science</b>
<p><b>Description</b></p> <p>Economics is the study of the most efficient use of scarce resources and the choices that are made in the market. The Laws of Demand and Supply, marginal utility, allocative efficiency and equilibrium are modelled and analysed to gain an understanding of the impact of intervention in the market and such effects on pricing given the efficiency of different market structures.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved Subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b></p> <p>The course is a one-year stand-alone course where prior knowledge of economics is useful but not essential. The course covers three main areas of Economics:</p> <ul style="list-style-type: none"> <li>• Resource Allocation via the Private Sector</li> <li>• Resource Allocation via the Public Sector</li> <li>• The impact of market changes on buyers, sellers and the Government</li> </ul>	<p><b>Prerequisites</b></p> <p>None</p>	
	<p><b>Costs</b></p> <p>None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

English (ENG301-303)		English
<p><b>Description</b></p> <p>Level 3 English is a dynamic course that encourages a high level of critical thinking, text analysis, lateral thinking and discussion-based learning. The course is designed to prepare students to successfully engage at a first-year university level. Level 3 English involves teaching, learning and assessment in the two areas of:</p> <ul style="list-style-type: none"> <li>• Creating Meaning – Listening, Reading and Viewing</li> <li>• Making Meaning – Speaking, Writing and Presenting</li> </ul>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved Subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
	<p><b>Prerequisites</b></p> <p>Level 2 English – 14 Credits</p>	
	<p><b>Costs</b></p> <p>None</p>	
<p><b>Course Content</b></p> <p>The activities included in this course will involve:</p> <ul style="list-style-type: none"> <li>• Various writing tasks</li> <li>• Responding to various works of literature. e.g. short stories, poetry, novels and films</li> <li>• In addition, the course will emphasise speaking to an audience and constructing visual texts. The course will build on skills established in Year 12.</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Suitability for the course will be decided by consultation with the Learning Area Leader of English and Year 13 Dean.</p>		

English for Speakers of Other Languages (ELL300)		Languages
<p><b>Description</b></p> <p>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.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• Unit standards</li> <li>• Formative and Summative</li> </ul>	
	<p><b>Prerequisites</b></p> <p>English is not your first language</p>	
	<p><b>Costs</b></p> <p>IELTS if entered</p>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Demonstrate understanding of detailed spoken instructions</li> <li>• Participate in spoken transactions</li> <li>• Participate in a formal interview</li> <li>• Write a response for a specific purpose</li> <li>• Read and understand texts on familiar topics</li> <li>• Write texts on familiar topics</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Suits students with English literacy needs</li> </ul>	



<b>Fashion &amp; Design (FDT300)</b>		<b>Soft Materials Technology</b>
<p><b>Description</b></p> <p>This subject gives students the opportunity to work with a client to develop fashion to meet their needs. Practical and theory assignments will help students understand business practice in textile trades and industries.</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 more advanced sewing skills.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsement to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Developing designs for a client or yourself</li> <li>• Sewing garments or articles for a client or yourself</li> <li>• Drafting and making patterns</li> </ul>	<p><b>Prerequisites</b></p> <p>Year 11 or 12 Fashion and Design</p>	
	<p><b>Costs</b></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><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Advanced lined garments of the student's choice are the expected standard. This is a UE Approved subject.</p>		

<b>Food Technology (FTE300)</b>		<b>Soft Materials Technology</b>
<p><b>Description</b></p> <p>A challenging but creative academic course involving Food Technology and Home Economics papers that focus on complex food processing, skillful brief development, dietary issues and well-being in New Zealand. Assessments in Food Technology are equal in terms of practical and written tasks. Tasks require students to be experienced with food and cooking, and to be self-directed and confident. Assessments involve broad researching of topics to complete essays and/or reports.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Implement complex procedures to process a specified product</li> <li>• Undertake brief development to address an issue in the broadest sense within a determined context</li> <li>• Investigate a nutritional issue affecting the well-being of New Zealand Society</li> <li>• External: AS 91613 Demonstrate Understanding of Material Development</li> </ul>	<p><b>Prerequisites</b></p> <p>Y12 Food Technology essential to succeed and be capable of managing the demands of FTE300</p>	
	<p><b>Costs</b></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><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>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>		

<b>French (FRE300)</b>		<b>Languages</b>
<b>Description</b> Students studying Year 13 French will develop their language skills to an extent where they will be able to present arguments, discuss problems and express themselves imaginatively in French.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<b>Course Content</b> <ul style="list-style-type: none"> <li>• French literature</li> <li>• Society issues e.g. immigration</li> <li>• Film study</li> </ul>	<b>Prerequisites</b> NCEA Level 2 French (minimum 12 credits)	
	<b>Costs</b> None	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

<b>Gateway (GTY300)</b>		<b>Careers</b>
<b>Description</b> Open for all Year 13 students. Gateway involves completion of work placements in industries of your choice combined with tertiary and trade theory papers to gain credits toward NCEA Level 3 and support future career choices.  Suitable for those intending on gaining full-time or part-time employment, tertiary study at university or polytechnic and those seeking apprenticeships.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• Towards NCEA Level 3</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• ITO standards</li> <li>• Unit standards</li> </ul>	
<b>Course Content</b> <ul style="list-style-type: none"> <li>• Industry placements vary between one day per week, half days, weekend and holiday, dependent upon student and employer schedule.</li> <li>• Health &amp; Safety and First Aid Certificates</li> <li>• Industry based Level 3 credits or tertiary institute papers from your field of choice and suited to individual student requirements</li> <li>• Attendance at various short courses, tertiary visits and one day taster events</li> <li>• Career-based events and training</li> <li>• Creation of individual vocational plan and CV</li> <li>• Linked with local employers, job and training opportunities</li> </ul>	<b>Prerequisites</b> Students selected after an interview process and must be prepared to commit to completing unit standard and short courses	
	<b>Costs</b> None	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Suits students at all literacy levels</li> </ul>	
<b>Additional Notes</b> Gateway is open for all year 13 students and is chosen over and above your 5 year 13 subjects. Students are expected to use study periods and own time to complete industry related tertiary papers.		

<b>Geography (GEO300)</b>		<b>Social Science</b>
<p><b>Description</b>            Geography is the study of the environment as the home of people. It explores the relationships and connections between people and both natural and cultural environments. Students will learn to think spatially, use maps, visual images and new technologies to obtain, present and analyse information. Geography encourages students to think critically. Geography equips students with the knowledge and skills to interpret the world in which they live.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b>            The course can be co - constructed with the students in the class depending on their interests and career pathways. Geographic skills will be developed, and Geographic concepts explored through a range of contexts including:</p> <ul style="list-style-type: none"> <li>• The Natural Environment</li> <li>• Tourism Development</li> <li>• Event Management</li> <li>• Local contemporary issues</li> <li>• Global topics</li> <li>• Geographic Research</li> </ul>	<p><b>Prerequisites</b>            AT LEAST ONE reading or writing Level 2 English standard is required, and new geographers are at the discretion of the HOL.</p>	
	<p><b>Costs</b>            TBC. Possibility of an optional overnight fieldtrip of around \$300. Parental/guardianship permission would be sought prior to this fee being charged.</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

<b>History (HIS300)</b>		<b>Social Sciences</b>
<p><b>Description</b>            This course aims to look at some of the major issues and events of the world. There is an emphasis on personalities and conflicts. Employers and tertiary providers love the skills History fosters, such as; critical thinking about ideas, researching, processing and synthesising information, and the communication of good arguments.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsement to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standards</li> <li>• All standards earn literacy credits</li> </ul>	
<p><b>Course Content</b>            Topics could include The Holocaust, World Wars, Tudor England, Colonialisation, The French Revolution. These topics are co-constructed between the teacher and student. Students will explore:</p> <ul style="list-style-type: none"> <li>• Research</li> <li>• Interpretation of historical sources</li> <li>• Appreciation of significant people, decisions and events and their relevance to New Zealand</li> <li>• Perspectives of a contested event</li> </ul>	<p><b>Prerequisites</b>            English 201 or 202</p>	
	<p><b>Costs</b>            None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	

<b>Hospitality (HTY300)</b>		<b>Soft Technology</b>
<p><b>Description</b> In Level 3 Hospitality, students explore making more complex food products, learn about and practice complex processing operations. They undertake guided and independent research in the realms of food costing calculations for a hospitality environment, coffee knowledge, production and service, and learn about, in theory and practice, a range of culinary products and terms.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>NCEA Level 2 &amp; 3</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>Internal Level 2 and Level 3 NZQA Unit Standards</li> </ul>	
<p><b>Course Content</b> Students spend lessons researching culinary products and terms, recipes, planning for cooking; preparing, selecting, portioning and finishing dishes with a sense of urgency; doing cost and yield evaluations; delve into the history and production of coffee and learn and practice coffee art. Students learn how a cafe works from opening to closing because they are required to return at lunch to pack down and clean and backflush the espresso machine.</p>	<p><b>Prerequisites</b> Level 2 Hospitality essential so you have completed Unit Standard 167: Food Safety Practices in a Food Business and US 17285: Prepare and Present Espresso Beverages Under Supervision</p>	
	<p><b>Costs</b> 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><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b> 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>		

<b>Māori (MAO300)</b>		<b>Languages</b>
<p><b>Description</b> This course is for students who have already obtained NCEA Level 1 and 2 Te Reo Māori. It is a NCEA Level 3 course. It enables students to increase their listening, reading, writing and speaking skills at an advanced level.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>NCEA Level 3 Te Reo Māori</li> <li>UE Approved subject</li> <li>Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>Internal NZQA standards</li> <li>External NZQA standard</li> </ul>	
<p><b>Course Content</b> 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.</p>	<p><b>Prerequisites</b> NCEA Level 1 &amp; 2 Te Reo Māori Entry is at the discretion of the Learning Area Leader</p>	
	<p><b>Costs</b> None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>Suits students at all literacy levels</li> </ul>	

<b>Māori Performing Arts (MPA200/300)</b>		Languages
<b>Description</b> This course will provide scope for the extension of knowledge and skills in the area of Māori performing arts.	<b>Qualification</b> <ul style="list-style-type: none"> <li>NCEA Level 2 &amp; 3</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>Internal NZQA standards</li> </ul>	
<b>Course Content</b> This course includes Poi, Haka , Mau rākau, Whakaraka, Waiata-a- ringa, Moteatea and historical research.	<b>Prerequisites</b> Entry is at the discretion of the HOD	
	<b>Costs</b> None	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>Suits students at all literacy levels</li> </ul>	

<b>Mathematics (MAT300)</b>		Mathematics
<b>Description</b> This course encourages the development of mathematical skills useful in employment and everyday situations.	<b>Qualification</b> <ul style="list-style-type: none"> <li>NCEA Level 3</li> <li>UE Approved subject</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>Internal Level 3 Achievement standards</li> </ul>	
<b>Course Content</b> The areas of study are: <ul style="list-style-type: none"> <li>Linear Programming</li> <li>Simultaneous Equations</li> <li>Critical Paths</li> <li>Conic Sections</li> <li>Time Series</li> </ul>	<b>Prerequisites</b> Students should have achieved 14+ Level 2 Mathematics credits	
	<b>Costs</b> None	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>Students will need good literacy levels</li> </ul>	
<b>Additional Notes</b> Suitability for the course will be decided by consultation with the Learning Area Leader of Mathematics and the Year 13 Dean. A Graphics calculator is essential.		

<b>Media Studies (MED300)</b>		<b>Media Studies</b>
<p><b>Description</b></p> <p>This subject helps students develop analytical skills, gain an awareness of the world around them and helps them to understand how media texts create meaning.</p> <p>Students will find this course useful as many occupations require applicants to have an understanding of the media and the wider society.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved Subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standards</li> <li>• External NZQA standard</li> </ul>	
	<p><b>Prerequisites</b></p> <p>Achieved English Level 2</p>	
	<p><b>Costs</b></p> <p>None</p>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Production experience and planning and design skills through creating their own products</li> <li>• Understanding of genre</li> <li>• Analysis skills via media texts &amp; research</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Media Studies will help students to become more critically aware of the world around them.</p>		

<b>Music (MUS300)</b>		<b>Music</b>
<p><b>Description</b></p> <p>This course allows students to create a personalized learning program based on strengths and interests in music. Skills developed in Level 2 are also enhanced.</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><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• UE Approved subject</li> <li>• Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NCEA Achievement Standards</li> <li>• External NCEA Achievement Standards</li> <li>• Internal NCEA Unit Standards</li> </ul>	
	<p><b>Prerequisites</b></p> <p>At least four years instrumental/vocal training Achieved Music Level 2</p>	
	<p><b>Costs</b></p> <p>None</p>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Individual programs are designed by the student in consultation with the teacher to best meet their musical needs and wants</li> </ul>	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
<p><b>Additional Notes</b></p> <p>Students must receive either private or itinerant lessons on their chosen instrument.</p>		

<b>Physics (PHY300)</b>		<b>Science</b>
<p><b>Description</b></p> <p>Physics provides the essential problem-solving skills and conceptual understanding required to progress in careers such as engineering, construction, medicine, pharmacy, physiotherapy, aviation and electronics. The course builds on concepts covered in Level 2 Physics.</p> <p>.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal NZQA standard</li> <li>• External NZQA standards</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Mechanics - momentum, force and motion, rotation, simple harmonic motion</li> <li>• Electromagnetism - DC and AC electricity, capacitance, magnetism</li> <li>• Wave motion - travelling and standing waves, interference, Doppler effect</li> </ul>	<p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• PHY200</li> <li>• MAT200</li> </ul>	
	<p><b>Costs</b></p> <p>None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Students will need good literacy skills</li> </ul>	
	<p><b>Additional Notes</b></p> <p>Students taking Physics can also do any of the other sciences offered by the school.</p>	

<b>Physical Education Biophysical (PEB300)</b>		<b>Physical Education</b>
<p><b>Description</b></p> <p>Using the knowledge skills and attitudes gained in Level 2 students will be challenged to critically think about Physical Education in their lives, their community and society. They will take action to enhance the wellbeing of themselves and others.</p> <p>Students with a keen interest in sport, fitness, leisure and recreation will enjoy this course. Those wishing to go on to tertiary study or a career in this area, the Health sector or Event management could take this course.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> <li>• Course endorsements to Excellence</li> <li>• UE Approved subject</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>• Internal Achievement Standards</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>• Biophysical principles</li> <li>• Physical performance of skills in a variety of settings</li> <li>• Performance programme evaluation</li> <li>• Skill analysis</li> <li>• Sociology of sport</li> <li>• Health promotion and evaluation</li> <li>• Leadership in physical activity context</li> </ul>	<p><b>Prerequisites</b></p> <p>Completion and passing at least 14 credits at PEB200 an advantage. Students new to this subject at the discretion of the Learning Area Leader.</p>	
	<p><b>Costs</b></p> <p>A fee may be charged for any optional component, trip etc. related to this course at approx. \$110. Parental/guardianship permission would be sought prior to the fee being charged.</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>• Suits students at good literacy levels</li> </ul>	

<b>Physical Education Sociology (PES300)</b>		<b>Physical Education</b>
<p><b>Description</b> Using the knowledge skills and attitudes gained in Level 2 students will be challenged to work in a range of environments to develop the capacity for leadership and lifelong wellbeing.</p> <p>This course is suited towards those wishing to go into a job/profession where they will be working with other people and/or promoting physical activity.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>NCEA Level 3</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>Internal NZQA standards</li> </ul>	
<p><b>Course Content</b></p> <ul style="list-style-type: none"> <li>Safety management in physical activity/outdoor education contexts</li> <li>Contemporary leadership principles</li> <li>Physical performance of skills in a variety of settings including the Tough Girl/Guy Challenge</li> <li>Impact of physical activity on lifelong wellbeing</li> <li>Assisting in running outdoor experiences</li> </ul>	<p><b>Prerequisites</b> Completion and passing at least 14 credits at PEB200 or PES200 an advantage. Students new to the subject at the discretion of Learning Area Leader.</p>	
	<p><b>Costs</b> A fee may be charged for any optional component, trip etc. related to this course at approx. \$110. Parental/guardianship permission would be sought prior to the fee being charged.</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>Suits students at all literacy levels</li> </ul>	

<b>Statistics (MAS300)</b>		<b>Mathematics</b>
<p><b>Description</b> This course encourages the development of mathematical skills which support employment in many different occupations. Tertiary studies in Biological Sciences, Health Sciences and Social Sciences often require a sound knowledge of Statistics.</p>	<p><b>Qualification</b></p> <ul style="list-style-type: none"> <li>NCEA Level 3</li> <li>UE Approved subject</li> <li>Course endorsements to Excellence</li> </ul>	
	<p><b>Assessment Types</b></p> <ul style="list-style-type: none"> <li>Internal NZQA standards</li> <li>External NZQA standards</li> </ul>	
<p><b>Course Content</b> The areas of study are</p> <ul style="list-style-type: none"> <li>Time series</li> <li>Statistical inference</li> <li>Probability Concepts</li> <li>Linear Programming</li> <li>Bivariate data</li> <li>Probability distributions</li> </ul>	<p><b>Prerequisites</b> 14+ Level 2 Mathematics Achievement Standards including a Statistics Standard (a pass in a Level 2 Mathematics External Standard is strongly preferred)</p>	
	<p><b>Costs</b> None</p>	
	<p><b>Literacy Level</b></p> <ul style="list-style-type: none"> <li>Suits students with above average literacy levels</li> </ul>	
<p><b>Additional Notes</b> Suitability for the course will be decided by consultation with the Learning Area Leader of Mathematics and the Year 13 Dean. A Graphics calculator is essential.</p>		



<b>Tourism (TOU300)</b>		<b>Social Sciences</b>
<b>Description</b> The tourism industry is important for any student to study as it brings in foreign currency, allows for cultural exchanges between people and creates employment.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• NCEA Level 3</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• Internal NZQA unit standards</li> <li>• National certificate in Tourism</li> <li>• NZST Assessments</li> </ul>	
<b>Course Content</b> <ul style="list-style-type: none"> <li>• The structure of the New Zealand Tourism Industry is examined along with developmental organisations and supporting services</li> <li>• Destination topics are offered: Australia; Pacific Islands; Regional New Zealand</li> <li>• The economic significance of Tourism is described and analysed for the world and New Zealand economy</li> </ul>	<b>Prerequisites</b> None – TOU200 would be an advantage	
	<b>Costs</b> A fee may be charged for any optional component, trip etc. related to this course at approx. \$60. Parental/guardianship permission would be sought prior to the fee being charged.	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Suits students at all literacy levels</li> </ul>	

<b>Trades (TRA300)</b>		<b>Hard Technology</b>
<b>Description</b> This course is a Building and Construction course designed for those students wishing to pursue a career in this industry. Due to the nature of the practical work we build, a limit of 15 students max has been placed on this class.	<b>Qualification</b> <ul style="list-style-type: none"> <li>• NCEA Level 2 &amp; 3</li> </ul>	
	<b>Assessment Types</b> <ul style="list-style-type: none"> <li>• Internal NZQA unit standards</li> </ul>	
<b>Course Content</b> The course participants will construct a small timber sleep out complete with lighting, windows and doors.	<b>Prerequisites</b> Students must have taken CAT100 & CAT200 to be eligible to enrol on this course or at the discretion of the Learning Area Leader.	
	<b>Costs</b> None	
	<b>Literacy Level</b> <ul style="list-style-type: none"> <li>• Suits students with a fair/good literacy level</li> </ul>	

# Wood Technology (WWK300)

Hard  
Technology

## Description

This course extends the teacher directed Level 2 programme into a course designed to meet individual requirements for the work-place and future education.

## Qualification

- NCEA Level 3

## Assessment Types

- Internal NZQA unit standards

## Prerequisites

Students must have had previous Woodwork experience at Level 1 or 2, or entry will be at the discretion of the Learning Area Leader.

## Course Content

With teacher guidance, students plan a year's programme. The programme includes NZQA units of work and practical projects based around restoration projects and personal furniture items. The course may include the use of fixed machinery and the restoration of furniture.

## Costs

The cost to the Wood department for materials to deliver this course is \$20. 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

- Suits students with a fair/good literacy level

**Notes:**