

Accounting

Year: 11 – Accounting by Correspondence

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90976	Demonstrate an understanding of accounting concepts for small entities.	1	3	N	Y
90978	Process financial statements for sole proprietors.	1	5	N	Y
90980	Interpret accounting information for sole proprietors.	1	4	N	Y

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90977	Process financial transactions for a small entity.	1	5	N	Y
		1	4	N	Y
90981	Make a financial decision for an individual or group.	1	3	N	Y
90982	Demonstrate an understanding of cash management for a small entity.	1	4	N	y

Year: 12 – Accounting by Correspondence

Entry requirements: 18 Credits at L 1 Accounting or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91174	Demonstrate understanding of accounting concepts for a sole proprietor that operates accounting subsystems	2	3	N	Y
91177	Prepare financial information for an entity	2	5	N	Y
91178	Interpret accounting information for sole proprietors that operate accounting subsystems	2	5	N	y
91179	A Report on an entity's accounting subsystem	2	4	N	Y

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91176	Demonstrate understanding of accounting processing	2	4	N	Y
91175	Demonstrate understanding of accounting subsystems for a trading firm	2	3	N	y

Year: 13 Accounting by Correspondence

Entry requirements: 18 Credits at L 2 Accounting or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90500	Describe and apply the conceptual basis of accounting in context	3	4	N	y
90501	Process financial information for partnerships and companies	3	3	N	Y
90502	Process financial information for a manufacturing job cost subsystem	3	3	N	Y
90503	Prepare financial statements for partnerships and companies	3	6	N	Y
90505	Explain and prepare information for management decision making	3	3	N	y

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90504	Prepare a report that analyses and interprets a company's financial report for external users	3	5	N	Y

Dance

Year 11 - Dance

Entry requirements: Pass Yr 10 dance or at HOD discretion

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90858	Compose dance sequences for a given brief	1	6	N	N
90002	Perform dance sequences	1	6	N	N
90859	Demonstrate ensemble skills in a dance.	1	4	N	N
90860	Demonstrate understanding of the elements of Dance	1	4	N	N
90861	Demonstrate understanding of a dance performance.	1	4	N	Y
90005	Demonstrate knowledge of a dance genre or style	1	4	N	Y

Year 12 - Dance

Entry requirements: 18 Credits at L 1 Dance or 12-18 credits at HOD discretion

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91205	Choreograph a group Dance	2	4	N	N
91206	Choreograph a solo dance	2	4	N	N
91207	Perform an ethnic or social dance	2	4	N	N
91208	Perform in a theatre dance work	2	4	N	N
91209	Demonstrate Understanding of Choreographic Processes	2	4	N	N
91210	(optional) Interpret a dance performance with supporting evidence.	2	4	N	Y
91211	(optional) Demonstrate understanding of a dance genre or style in context	2	4	N	Y
91212	Perform a repertoire of dance	2	6	N	N

Year 13 - Dance

Entry requirements: 18 Credits at L 2 Dance or 12-18 credits at HOD discretion

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
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11503	View and Respond to dance	3	3	N	N
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Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90594	Produce a dance for Performance	3	9	N	N
90595	Perform a solo dance work	3	3	N	N
90596	Perform in a choreographed dance work	3	4	N	N

Note pupils have the opportunity at Levels 1-3 to sit external exams, these are voluntary and up to the teacher and individual pupil.

Technology – Digital

Year 11 Digital Technology – Information Management

Entry requirements: 18 Credits at Year 10 DIT or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91070	Demonstrate understanding of basic concepts of information management	1	3	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91071	Use standard operating and file management procedures	1	4	N	N
91072	Demonstrate understanding of basic concepts of digital media	1	3	N	N
91073	Implement basic procedures to produce a specified digital media outcome	1	4	N	N
91075	Construct an algorithmic structure for a basic task	1	3	N	N
91076	create the program	1	3	N	N

Year: 12- Digital Technology

Entry requirements: 18 Credits at L1 DIT or 12-18 credits at HOD discretion

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
2780	Demonstrate and apply knowledge of a personal computer system	1	3	N	N
2781	Manage and protect data in a personal computer system	2	3	N	N
2784	Create and use a computer spreadsheet to solve a problem	2	3	N	N
5940	Produce a presentation using a desktop presentation computer application	2	3	N	N
2788	Produce desktop published documents to meet a set brief	2	5	N	N

2786	Create and use a computer database to solve a problem	2	3	N	N
2790	Use and maintain personal computer peripherals	2	3	N	N

Year: 13 - Digital Technology

Entry requirements: 18 Credits at L2 DIT or 12-18 credits at HOD discretion

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
112	Produce information using word processing functions	3	5	N	N
2785	Create a computer spreadsheet to provide a solution for organisation use	3	5	N	N
2787	Produce and use a computer database to provide solutions for organisation use	3	5	N	N
2789	Produce desktop published documents for organization use	3	6	N	N
2797	Demonstrate knowledge of the principles of computer networks OPTIONAL	3	4	N	N
5947	Use computer technology to solve a specified problem OPTIONAL	3	3	N	N
25657	Create a website for a stakeholder using markup language OPTIONAL	3	6	N	N
25658	Create a website for a stakeholder using a dedicated web authoring tool OPTIONAL	3	5	N	N

Economics / Business

Year 11- Economics

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90983	Demonstrate understanding of consumer choices using 'demand'	1	4	N	N
90985	Demonstrate understanding of producer choices using 'supply'	1	3	N	N
90986	Demonstrate understanding of how consumer, producer and/or government choices affect society using 'market equilibrium'	1	5	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90984	Demonstrate understanding of decisions a producer makes about production	1	5	N	N
90987	Demonstrate understanding of a government choice where affected groups have different viewpoints	1	4	N	N
90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	1	3	N	N

Year 12- Economics + Y.E.S Programme (Business Studies)

Entry requirements: No pre-requisites

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90846	Conduct market research for a new or existing product	2	3	N	N
90848	Carry out, review and refine a business activity within a community context with guidance.	2	9	N	N
91227	Analyse how government policy and contemporary economic issues interact	2	6	N	N

Y.E.S- External EXAM – Optional.

Code		Lev	Crds	Num	Lit
N/A	Recognised NCEA EXAM credits	2 and 3	14	N	N

Y.E.S-

Code	INTERNAL	Lev	Crds	Num	Lit
N/A	Recognised NCEA EXAM credits	2 and 3	10	N	N

YES Company Registration	\$50.00 per company \$15.00 per student
YES Exam (optional)	\$ 25.00 per student
YES company "tax"	25% reported profit that goes to support your region

Year: 13 - Economics

Entry requirements: 18 Credits at L 2 Economics or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90629	Understand marginal analysis and the behaviour of firms	3	5	N	N
90630	Describe an economic problem, allocative efficiency, and market responses to change	3	4	N	N
90631	Describe market failure and government interventions to correct for market failure	3	4	N	N
90632	Describe aggregate economic activity	3	6	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90778	Collect and process information, and carry out an economic analysis	3	5	N	N

Employment Skills

Multi level-Year 11, 12 and 13 Employment Skills

The course will cover a selection from the following Unit Standards.

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
497	Demonstrate knowledge of workplace health and safety requirements.	1	3	N	N
504	Produce a CV (curriculum vitae)	1	4	N	N
543	Work in a new workplace.	1	3	N	N
548	Plan to manage personal use of alcohol and other drugs	1	6	N	N
10780	Complete a work experience placement	1	2	N	N
1978	Identify basic employment rights and responsibilities, and sources of information and assistance	1	5	N	N
3483	Fill in a form	1	4	N	N
1277	Communicate information in a specified workplace.	1	3	N	N
4248	Describe requirements and expectations faced by employees within the workplace.	1	3	N	N
1294	Be interviewed in a formal interview.	2	2	N	N
11861	Demonstrate knowledge of personal hygiene, in a supported learning context.	3	2	N	N
11871	Identify effective work relationships and practices, in a supported learning context.	1	4	N	N

English

Year: 11 - English

Achievement Standards - External

Code	Standard	Lev	Crds	Num	Lit
90849	Show understanding of specified aspect(s) of studied written text(s), with supporting evidence.	1	4	N	Y
90851	Show understanding of significant aspects of unfamiliar written texts through close reading, with supporting evidence.	1	4	N	Y

Achievement Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
90052	Produce creative writing.	2	3	N	Y
90053	Produce formal writing.	1	3	N	Y
90857	Construct and deliver an oral presentation.	1	3	N	Y
90852	Explain significant connection(s) across texts, using supporting evidence.	1	4	N	Y
90856	Show understanding of significant aspects of visual and/or orals text(s) through close viewing and/or listening.	1	3	N	Y

Year: 12 - English

Entry requirements: A minimum of 16 L1 AS credits; 3 credits must be in writing, 3 credits must be in reading and any other combination of credits or at HOD's discretion

Achievement Standards - External

Code	Standard	Lev	Crds	Num	Lit
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence.	2	4	N	Y
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	2	4	N	Y
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	2	4	N	Y

Achievement Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
91101	Produce a selection of crafted and controlled writing.	2	6	N	Y

91102	Construct and deliver a crafted and controlled oral text.	2	3	N	N
91104	Analyse significant connections across texts, supported by evidence.	2	4	N	Y

Year: 13

Entry requirements: A minimum of 16 L 2 credits; 3 in writing, 3 in reading and any other combination of credits or at HOD's discretion

Achievement Standards - External

Code	Standard	Lev	Crds	Num	Lit
90721	Respond critically to written text(s) studied	3	3	N	Y
90722	Respond critically to Shakespearean drama studied	3	3	N	Y
90723	Respond critically to oral or visual text studied	3	3	N	Y
90724	Read and respond critically to unfamiliar prose and poetry texts	3	3	N	Y

Achievement Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
90720	Produce an extended piece of writing in a selected style	3	4	N	Y
90725	Construct and deliver an oral presentation	3	4	N	Y
90726	Complete independent research on a language or literature topic and present conclusions in writing	3	4	N	Y

Skills English – Level 1

Unit and Achievements Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
2977	Read texts for practical purposes	1	4	N	Y
3503	Participate in a team or group to complete routine tasks	1	2	N	N
8808	Read an inclusive range of written texts and record the reading experience	1	3	N	Y
8817	Listen attentively during and interact in discussion	1	2	N	Y
10792	Write formal personal correspondence	1	3	N	Y
90058	Deliver a speech in a formal situation	1	3	N	Y
90060	Research, organise and present information	1	3	N	Y

Environmental Sustainability

Year: 12 – Environmental Sustainability

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90811	Plan, implement and evaluate a personal action that will contribute towards a sustainable future	2	6	N	N
90810	Describe the consequences of human activity within a biophysical environment in relation to a sustainable future	2	4	N	N
90813	Describe values and associated behaviours in relation to a sustainable future	2	3	N	N
90815	Work cooperatively to develop and present a strategy or design for sustainability in response to a future scenario	2	3	N	N
91332	Demonstrate understanding of leadership strategies that contribute to the effective functioning of a group	2	4		
91333	Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity	2	3		

Technology - Fabrics

Year 11 - FABRICS

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91044	Undertake brief development to address a need or opportunity.	1	4	N	N
91045	Use planning tools to guide the technological development of an outcome to address a brief.	1	4	N	N
91046	Develop a conceptual design for an outcome.	1	6	N	N
91047	Prototype Development	1	6	N	N
91658	Implement basic procedures using textiles when constructing a specified product	1	6	N	N

Year 12 Technology (Soft Materials)

Entry requirements: 18 Credits at L 1 Technology or 12-18 credits at HOD discretion

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91354	Undertake brief development to address an issue .	2	4	N	N
91355	Select and use planning tools to manage the development of an outcome	2	4	N	N
91356	Develop a conceptual design for an outcome	2	6	N	N
91357	Undertake effective development to make and trial a prototype	2	6	N	N
2.21	Implement advanced procedures using textile materials to make a specified product with special features	2	6	N	N

Technology - Food

Year 11 - Food Technology

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90960	Demonstrate understanding of how an individual, the family and society enhance each other's well-being (1.5)	1	4	N	Y
90961	Demonstrate understanding of how packaging information influences an individual's food choices and well-being (1.6)	1	4	N	Y

Unit and Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90956	Demonstrate knowledge of an individual's nutritional needs (1.2)	1	5	N	Y
90958	Demonstrate understanding of how cultural practices influence eating patterns in New Zealand (1.3)	1	5	N	Y
90959	Demonstrate and apply safe food- handling practices and strategies (1.4)	1	5	N	Y

Year 11 - Hospitality

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
15620	Apply knowledge of hygiene and safety in preparation, serving, and storage of food	1	6	N	N
15895	Demonstrate knowledge of boiling and baking in the commercial catering industry	1	2	N	N
15900	Prepare and present meat in the hospitality industry	1	2	N	N
15901	Prepare and present fruit and vegetables in the hospitality industry	1	2	N	N
15920	Prepare and present stock, sauces and soup in the hospitality industry	1	3	N	N
15921	Prepare and cook a cake, a sponge and scones in the hospitality industry	1	2	N	N
19770	Prepare and present egg and cheese dishes in the hospitality industry	1	1	N	N
19771	Prepare and present seafood in the hospitality industry	1	3	N	N

Unit Standards- Internal-STAR Course

Code	Standard	Lev	Crds	Num	Lit
17285	Demonstrate knowledge of espresso coffee equipment and recipes	2	2	N	N
17286	Prepare and present pressed coffee for service	2	2	N	N

Year 12 - Hospitality Level 2:

Certificate of Achievement Pack (COA) Cookery Schools 2 (Level 2) Ed.3

Code	Standard	Lev	Crds	Num	Lit
167	Practice food safety methods in a food business	2	4	N	N
13285	Handle and maintain knives in a commercial kitchen	2	2	N	N
13276	Prepare and cook food by grilling in a commercial kitchen	2	2	N	N
13283	Prepare and present salads for service in a commercial kitchen	2	2	N	N
13334	Prepare and cook jams	2	2	N	N
13281	Prepare and present basic sandwiches for service in a commercial kitchen	2	2	N	N
13284	Clean food production areas, equipment and utensils in a commercial kitchen	2	2	N	N
13271	Cook food by frying in a commercial kitchen	2	2	N	N
13272	Cook food by baking in a commercial kitchen	2	2	N	N

Gateway

Bream Bay College Gateway Programme

This is a structured work experience programme for senior students (Yr 11, 12, & 13) which can open a new pathway from school into the world of work. It provides an opportunity for students to develop understandings and skills as an employee, and also gain some credits towards national qualifications (where possible). Placements are flexible and can be during school term time or in school holidays

Geography

Year: 11- Geography

Achievement Standards- External

Code	Standard	Lev	Crds.	Num	Lit
91007	Demonstrate a geographic understanding of an extreme natural event	1	4	N	Y
91008	Demonstrate a geographic understanding of population geography concepts	1	4	N	Y
91010	Apply geographic skills and ideas with direction to interpret a given context	1	4	N	Y

Achievement - Internal

Code	Standard	Lev	Crds.	Num	Lit
91009	Demonstrate a geographic understanding of sustainable resource use	1	3	N	Y
91011	Conduct geographic research, with direction, and relate research findings to a geographic idea	1	4	N	Y
91012	Describe viewpoints related to a contemporary geographic issue and evaluate courses of action	1	3	N	Y
91014	Apply spatial analysis, with direction to solve geographical problem.	1	3	N	Y

Year: 12 - Geography

Entry requirements: 18 Credits at L 2 History or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91240	Understanding of a natural environment	2	4	N	Y
91242	Demonstrate understanding of differences in development	2	4	N	Y
91243	Apply concepts and skills to demonstrate understanding of a given environment	2	4	N	Y

Achievement Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
91241	Describe geographic understanding of an urban pattern	2	3	N	Y

91244	Conduct geographic research with guidance	2	5	N	Y
91245	Explain aspects of a contemporary geographic issue	2	3	N	Y
91247	Apply spatial analysis, with guidance, to solve a geographic problem.	2	3	N	Y

Year: 13- Geography

Entry requirements: 18 Credits at L 2 History or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90701	Analyse natural processes in the context of a geographic environment	3	4	N	N
90702	Analyse a cultural process	3	4	N	N
90704	Select and apply skills and ideas in a geographic context	3	4	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90703	Explain the contribution of geography to planning and decision-making processes	3	3	N	N
90705	Carry out and present geographic research with consultation	3	3	N	N
90706	Analyse a contemporary geographic issue and evaluate courses of action	3	3	N	N
90707	Analyse a geographic topic at a global scale	3	3	N	N

Design and visual Communication

Technology – Graphics

Year 11 Design and Visual Communication (Graphics)

Entry requirements: 18 Credits at Year 10 Graphics or 12-18 credits with HOD approval

Achievement Standards- External

Code		Standard	Lev	Crds	Num	Lit
91063	DVC 1.30	Produce freehand sketches to communicate own design ideas.	1	3	N	N
91064	DVC1.31	Produce instrumental, multi-view orthographic drawings that communicate technical features of own design ideas.	1	3	Y	N
91065	DVC 1.32	Produce instrumental paraline drawings to communicate own design ideas.	1	3	Y	N

Achievement Standards- Internal

<u>Code</u>		<u>Standard</u>	<u>Lev</u>	<u>Crds</u>	<u>Num</u>	<u>Lit</u>
<u>91066</u>	<u>DVC 1.33</u>	<u>Use rendering techniques to communicate the form of own design ideas.</u>	<u>1</u>	<u>3</u>	N	N
91067	DVC 1.34	Use the work of an influential designer to inform own design ideas.	1	3	N	N
91068	DVC 1.35	Undertake the development of design ideas through graphics practice	1	6	N	N
91069	DVC 1.36	Promote an organised body of design work to an audience using visual communication techniques.	1	4	N	Y

Total 25 achievement standard credits

Year: 12 Design and Visual Technology (Graphics)

Entry requirements: 18 Credits at Year 11 DVC or 12-18 credits with HOD approval

Achievement Standards- External

<u>Code</u>		<u>Standard</u>	<u>Lev</u>	<u>Crds</u>	<u>Num</u>	<u>Lit</u>
91337	DVC 2.30	Communicate design ideas using visual communication techniques	2	3		
91338	DVC 2.31	Use working drawings to communicate technical details of a design	2	4		
91339	DVC 2.32	Produce instrumental perspective projection drawings to communicate design ideas	2	3		

Achievement Standards- Internal

<u>Code</u>		<u>Standard</u>	<u>Lev</u>	<u>Crds</u>	<u>Num</u>	<u>Lit</u>
91340	DVC 2.33	Use the characteristics of a design movement or era to inform own design ideas	2	3		
91341	DVC 2.34	Develop a spatial design through graphics practice	2	6		
91342	DVC 2.35	Develop a product design through graphics practice	2	6		
91343	DVC 2.36	Use visual communication techniques to present own design	2	4		

Total 29 achievement standard credits

Year 13 GRAPHICS

Entry requirements: 18 Credits at L2 Graphics or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90734	Negotiate a brief and a solution by applying a design process	3	5	N	N
90735	Plan and produce a presentation to communicate design ideas	3	4	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90736	Develop and communicate a solution to an architectural or environmental design brief	3	5	N	N
90737	Develop and communicate a solution to an engineering or technological design brief	3	5	N	N
90739	Develop and communicate a solution to a media or technical illustration brief	3	5	N	N

Total 24 Credits

Technology – Hard Materials

Year 11 Technology

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91044	Undertake brief development to address a need or opportunity.	1	4	N	N
91045	Use planning tools to guide the technological development of an outcome to address a brief.	1	4	N	N
91046	Develop a conceptual design for an outcome.	1	6	N	N
91047	Prototype Development	1	6	N	N

Year 12, 13 Carpentry

Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
12927	Use basic woodworking hand tools for elementary construction work	2	4	N	N
25921	Make a cupboard as a BCATS project	2		N	N
24350	Identify, select, maintain, and use portable power tools for BCATS projects	2		N	N
24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	2		N	N
12932	Construct wooden garden furniture and items of basic construction equipment	2	8	N	N
24357	Receive instructions and communicate information in relation to BCATS projects	2	3	N	N
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2		N	N
25319	Demonstrate knowledge of the carpentry industry within a BCATS environment	2		N	N
22607	Read and interpret plans, working drawings and specifications for BCATS project	2		N	N

Year 12 Technology (Hard Materials)

Entry requirements: 16 Credits at L 1 Technology or 10-16 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91354	Undertake brief development to address an issue .	2	4	N	N

91355	Select and use planning tools to manage the development of an outcome	2	4	N	N
91356	Develop a conceptual design for an outcome	2	6	N	N
91357	Undertake effective development to make and trial a prototype	2	6	N	N
90372	Demonstrate skills in Materials Technology	2	4	N	N

Year 13 Technology

Entry requirements: 18 Credits at L 2 Technology or 12-18 credits at HOD discretion

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90613	Develop a conceptual design to address a client issue.	2	8	N	N
90620	Develop a one off solution to address a client issue.	2	8	N	N
90687	Demonstrate techniques in Materials Technology	2	4	N	N

History

Year: 11 History

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91003	Interpret sources of an historical event of significance to New Zealanders	1	4	N	Y
91005	Describe the causes and consequences of an historical event	1	4	N	Y
91006	Describe how a significant historical event affected New Zealand society	1	4	N	Y

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	1	4	N	Y
91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	1	4	N	Y
91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	1	4	N	Y

Year: 12

Entry requirements: 18 Credits at L 1 History or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91231	Examine sources of an historical event of significance to New Zealanders	2	4	N	Y
91233	Examine causes and consequences of a significant historical event	2	5	N	Y
91234	Examine how a significant historical event affected New Zealand	2	5	N	Y

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91229	Plan and carry out an historical inquiry of an historical event, or place, of significance to New Zealanders	2	4	N	Y

91230	Examine an historical event, or place, of significance to New Zealanders	2	4	N	Y
91232	Interpret different perspectives of people in an historical event of significance to New Zealanders	2	5	N	Y

Year 13

Entry requirements: 18 Credits at L 2 History or 12-18 credits at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90656	Analyse and evaluate evidence in historical sources	3	5	N	N
90657	Examine a significant decision made by people in history, in an essay	3	5	N	N
90658	Examine a significant historical situation in the context of change, in an essay	3	5	N	N

Achievement Standards – Internal

Code	Standard	Lev	Crds	Num	Lit
90654	Plan and carry out independent historical research	3	4	N	N
90655	Communicate and present historical ideas clearly to show understanding of an historical context	3	5	N	N

Legal Studies

Year: 12 and 13 Legal Studies

Achievement Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
8551	Describe the application of New Zealand law to marriage, civil union, and de-facto relationships	2	3	N	N
8552	US Describe legal consequences and protections relating to domestic violence and child abuse	2	2	N	N
8555	Describe the objectives and application of consumer law	2	3	N	N
10337	Describe the legal rights and personal responsibilities secondary school students	2	3	N	N
10338	Describe and compare methods of dispute resolution in the legal system	2	3	N	N
10345	Compare legal systems and their ability to accommodate differences	3	3		
10349	Describe and evaluate criminal and civil court processes, and systems of justice	3	4		

Mathematics

Year 11 Mathematics

Achievement Standards – External

Code	Standard	Level	Crds	Num	Lit
91027	Apply algebraic procedures in solving problems	1	4	Y	N
91028	Investigate relationships between tables, equations and graphs	1	4	Y	N
91031	Apply geometric reasoning in solving problems	1	4	Y	N
91037	Demonstrate understanding of chance and data	1	4	Y	N

Achievement Standards – Internal

Code	Standard	Level	Crds	Num	Lit
91026	Apply numeric reasoning in solving problems	1	4	Y	N
91035	Investigate a given multivariate data set using the statistical enquiry cycle	1	4	Y	Y

Year 11: Mathematics-Internally assessed

Achievement Standards - Internal

Code	Standard	Level	Crds	Num	Lit
91026	Apply numeric reasoning in solving problems	1	4	Y	N
91029	Apply linear algebra in solving problems	1	3	Y	N
91030	Apply measurement in solving problems	1	3	Y	N
91033	Apply knowledge of geometric representations in solving problems	1	3	Y	N
91034	Apply transformation geometry in solving problems	1	2	Y	N
91036	Investigate bivariate numerical data using the statistical enquiry cycle	1	3	Y	Y
91038	Investigate a situation involving elements of chance	1	3	Y	Y

Year: 12 Mathematics

Entry requirements: Students must gain at least 16 Level 1 NCEA Achievement Standard Credits in Mathematics which *must* include AS 91027 (Apply algebraic procedures in solving problems) *and* AS 91026 (Apply numeric reasoning in solving problems).

Achievement Standards – External

Code	Standard	Level	Crd	Num	Lit
91261	Mathematics and Statistics 2.6 - Apply algebraic methods in solving problems	2	4	Y	N
91262	Mathematics and Statistics 2.7 - Apply calculus methods in solving problems	2	5	Y	N
91267	Mathematics and Statistics 2.12 - Apply probability methods in solving problems	2	4	Y	N

Achievement Standards – Internal

Code	Standard	Level	Crd	Num	Lit
91257	Mathematics and Statistics 2.2 - Apply graphical methods in solving problems	2	4	Y	N
91259	Mathematics and Statistics 2.4 - Apply trigonometric relationships in solving problems	2	3	Y	N
91264	Mathematics and Statistics 2.9 - Use statistical methods to make an inference	2	4	Y	N

Year 13 - Maths with Calculus

Entry requirements: Students must gain at least 16 Level 2 NCEA Mathematics credits which *must* include AS 90284 (Manipulate algebraic expressions and solve equations)

Achievement Standards-External

Code	Standard	Level	Crd	Num	Lit
90635	Differentiate functions and use derivatives to solve problems	3	6	Y	N
90636	Integrate functions and use integrals to solve problems	3	6	Y	N
90638	Manipulate real and complex numbers, and solve equations	3	5	Y	N
90639	Sketch graphs of conic sections and write equations related to conic sections	3	3	Y	N

Achievement Standards-Internal

Code	Standard	Level	Crd	Num	Lit
90637	- Solve problems and equations involving trigonometric functions	3	4	Y	N

Year 13 –Statistics and Modelling

Entry requirements: Students must gain at least 14 Level 2 NCEA Mathematics credits which *must* include AS 90289 (Simulate probability situations and apply the normal distribution) and AS 90288 (Select a sample and make an inference about a population)

Achievement Standards- External

Code		Level	Crds.	Num	Lit
90642	Calculate confidence intervals for population parameters	3	3	Y	N
90643	Solve straightforward problems involving probability	3	4	Y	N
90644	Solve equations	3	4	Y	N
90646	Use probability distribution models to solve straightforward problems	3	4	Y	N

Achievement Standards- Internal

Code	Standard	Level	Crds	Num	Lit
5259	Use probability models to solve problems	3	3	Y	N
90641	Determine the trend for time series data	3	3	Y	N
90645	Select and analyse continuous bi-variate data	3	3	Y	N
90647	Use a mathematical model involving curve fitting to solve a problem	3	3	Y	N

Music

Year 11

Entry requirements: Students must have taken year 10 music and/or have taken itinerant lessons on your instrument for at least two years.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
	Demonstrate notation skills through transcription	1	4	N	N
	Demonstrate knowledge of conventions used in music scores.	1	4	N	Y
	Demonstrate knowledge of two music works from contrasting contexts.	1	4	N	Y

Achievement and Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
	Perform two pieces of music as a featured soloist.	1	6	N	N
	Demonstrate ensemble skills through performing a piece of music as a member of a group.	1	4	N	N
	Compose two original pieces of music.	1	3	N	N

Year 12

Entry requirements: 18 Credits at L 1 Music or 12-18 credits at HOD discretion as well as having taken itinerant lessons on your instrument for at least 3 years.

Entry requirements: Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90268	Identify, describe and transcribe elements of music through listening to a range of music	2	3	N	N
90269	Demonstrate an understanding of the materials and processes of music in a range of scores.	2	2	N	Y

Achievement and Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90264	Present contrasting performances as a featured soloist	2	6	N	N
90265	Present a music performance as a member of a group	2	2	N	N

90266	Compose effective pieces of music	2	5	N	N
90267	Create an instrumentation.	2	2	N	N
90270	Demonstrate knowledge and understanding of music works.	2	5	N	Y
16550	Demonstrate music performance skills before an audience by three pieces on a second instrument	2	8	N	N
12823	Set up and disassemble small public address and recording systems for a performing arts situation.	2	2	N	N

Year: 13

Entry requirements: 18 Credits at L 2 Music or 12-18 credits at HOD discretion as well as having taken itinerant lessons for at least 4 years.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90530	Demonstrate an understanding of harmonic and tonal procedures in a range of music	3	3	N	Y
90777	Demonstrate aural skill across a range of musical styles and genres	3	4	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90499	Research and present a music topic	3	6	N	Y
90526	Present a performance of a programme of music as a member of a group	3	4	N	N
90527	Arrange music	3	4	N	N
90775	Present a portfolio of musical composition	3	8	N	Y
90776	Prepare and present performances of music as a featured soloist	3	8	N	Y

Physical Education

Year: 11

Achievement Standards-Internal

Code	Standard	Lev	Crds	Num	Lit
90962/1.1	Participate actively in a variety of activities and explain factors that influence own participation	1	5	N	N
90963/1.2	Describe function of the body as it relates to performance of physical activity	1	5	N	N
90964/1.3	Demonstrate quality movement in the performance of a physical activity	1	3	N	N
90965/1.4	Demonstrate understanding of societal influences on physical activity and the implications for self and others.	1	4	N	N
90966/1.5	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	1	4	N	N
90967/1.6	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes.	1	3	N	N

Year 12

Entry requirements: 18 Credits at L 1 Physical Education or 12-18 credits at HOD discretion

Achievement Standards-Internal

Code	Standard	Lev	Crds	Num	Lit
91328/2.2	Demonstrate understanding of how biophysical principles relate to the learning of physical skills.	2	5	N	N
91329/2.3	Demonstrate understanding of the application of biophysical principles to training for physical activity.	2	4	N	N
91330/2.4	Perform a physical activity in an applied setting	2	4	N	N
91331/2.5	Demonstrate understanding of the significance for self, others and society of a sporting event, physical activity or festival.	2	4	N	N
91334/2.8	Consistently demonstrate social responsibility through application of a social responsibility model in physical activity contexts.	2	3	N	N
91335/2.9	Demonstrate understanding of the implementation and outcomes of a physical activity event or opportunity	2	3	N	N
91336/2.10	OPTION: Demonstrate understanding of group processes In physical activity	2	3	N	N

Year: 13

Entry requirements: 18 Credits at L 2 Physical Education or 12-18 credits at HOD discretion

Achievement Standards-Internal

Code	Standard	Lev	Crds	Num	Lit
90739/3.1	Apply knowledge to plan a physical activity programme or experience: Triathlon fitness programme.	3	3	N	N
90740/3.2	Explain the effectiveness of a physical activity and its influence on hauora and well-being: Triathlon programme review.	3	3	N	N
90741/3.3	Appraise performance and review a programme for performance improvement for self or others: Aquatics	3	5	N	N
90742/3.4	Perform a physical activity to nationally developed performance standards: Aquatics – Medley 200/150	3	4	N	N
90743/3.5	Examine a current physical activity event, trend or issue impacting on New Zealand society: Childhood Obesity and Physical Activity- is there an issue?	3	4	4	N
90744/3.6	Examine physical activity and take action to influence the participation of others: Getting Year 13 Active.	3	5	N	N

Biology

Year 12 – BIOLOGY

Entry requirements: 18 credits in Level 1 Science, or at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91156	Demonstrate understanding of life processes at the cellular level	2	4	N	N
91157	Demonstrate understanding of genetic variation and change	2	4	N	N
91159	Demonstrate understanding of gene expression	2	4	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91153	Carry out a practical investigation in a biology context, with supervision	2	4	N	N
91155	Demonstrate understanding of adaptation of plants or animals to their way of life	2	3	N	N
91158	Investigate a pattern in an ecological community	2	3	N	N
91160	Investigate biological material at the microscopic level	2	3	N	N

Year 13 – BIOLOGY

Entry requirements: 18 credits in Level 2 Biology, or at HOD discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90715	Describe the role of DNA in relation to gene expression	3	4	N	N
90716	Describe animal behaviour and plant responses in relation to environmental factors	3	4	N	N
90717	Describe processes and patterns of evolution	3	3	N	N
90719	Describe trends in human evolution	3	3	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90714	Research a contemporary biological issue	3	3	N	N

90718	Describe applications of biotechnological techniques	3	3	N	N
6320	Describe a biological technique used in contemporary molecular biology or biotechnology	3	3	N	N

Chemistry

Year 12 – CHEMISTRY

Entry requirements – 18 credits in Level 1 Science or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91164	Demonstrate understanding of bonding, structure and energy changes	2	5	N	N
91165	Demonstrate understanding of the properties of selected organic compounds	2	4	N	N
91166	Demonstrate understanding of chemical reactivity	2	5	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91161	Carry out quantitative analysis	2	4	N	N
91162	Carry out procedures to identify ions in solution	2	3	N	N
91167	Demonstrate understanding of oxidation-reduction	2	2	N	N

Year 13 – CHEMISTRY

Entry requirements – 18 credits in Level 2 Chemistry or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90696	Describe oxidation-reduction processes	3	3	N	N
90698	Describe aspects of organic chemistry	3	5	N	N
90700	Describe properties of aqueous systems	3	5	N	N
90780	Describe properties of particles and thermochemical principles	3	5	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90694	Carry out an extended practical investigation involving quantitative analysis	3	4	N	N
90695	Determine the concentration of an oxidant or reductant by titration	3	2	N	N

Horticulture

Year 11 – HORTICULTURE

Entry requirements – pass Y10 Science or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90919	Demonstrate knowledge of soil management practices	1	4	N	N
	Demonstrate knowledge of horticultural plant management practices	1	5	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90922	Redesign a landscape plan that reflects user requirements	1	3	N	N
	Prepare and sow outdoor seedbeds manually	2	5	N	N
	Plant and care for bedding plants, bulbs or herbaceous perennials	1	10	N	N

Year 12 – HORTICULTURE

Entry requirements – at least 15 credits at level 1 or at HOD's discretion

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
21554	Demonstrate knowledge of safety with agrichemicals	2	3	N	N
22174	Demonstrate production knowledge of soils and fertilisers	2	5	N	N
23781	Grow and pot up plants from stem cuttings	2	5	N	N
20571	Care for nursery crops	2	10	N	N

Physics

Year 12 – PHYSICS

Entry requirements – 18 credits in Level 1 Science or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91170	Demonstrate understanding of waves	2	4	N	N
91171	Demonstrate understanding of mechanics	2	6	N	N
91173	Demonstrate understanding of electricity and electromagnetism	2	6	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91168	Carry out a practical physics investigation that leads to a non-linear relationship	2	4	N	N
91172	Demonstrate an understanding of atomic and nuclear physics	2	3	N	N

Year 13 – PHYSICS

Entry requirements – 18 credits in Level 2 Physics or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90520	Demonstrate understanding of wave systems	3	4	N	N
90521	Demonstrate understanding of mechanical systems	3	6	N	N
90522	Demonstrate understanding of atoms, photons and nuclei	3	2	N	N
90523	Demonstrate understanding of electrical systems	3	6	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90774	Carry out a practical physics investigation with guidance, that leads to a mathematical relationship				

Science

Year 11 – SCIENCE

Entry requirements – Pass Y10 Science or at HOD's discretion

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90940	Science - Demonstrate understanding of aspects of mechanics.	1	4	N	N
90944	Science - Demonstrate understanding of aspects of acids and bases	1	4	N	N
90948	Science - Demonstrate understanding of genetic variation.	1	4	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90945	Science - Investigate the implications of the use of carbon compounds as fuels.	1	4	N	N
90949	Science - Investigate life processes and environmental factors that affect them.	1	4	N	N
90935	Physics - Carry out a practical investigation, with direction, that leads to a linear mathematical relationship	1	4	N	N

Te Reo Maori

Year: 11

Achievement Standards - External

Code	Standard	Lev	Crds	Num	Lit
91087	1.3 Panui i te reo o tona ao	1	6	N	Y
91088	1.4 Tuhituhi i te reo o tona ao	1	6	N	Y

Achievement Standards – Internal

Code	Standard	Lev	Crds	Num	Lit
91085	Whakarongo i te reo o tona ao	1	6	N	N
91086	Korero I te reo o tona ao	1	6	N	N

Year: 12

Entry requirements: 24 Credits at L 1 Maori or 12-18 credits at HOD discretion

Achievement Standards – External

Code	Standard	Lev	Crds	Num	Lit
90441	Panui I te reo o tona ao mohio	2	6	N	Y
90770	Tuhituhi I te reo o tona ao mohio	2	4	N	Y

Achievement Standards – Internal

Code	Standard	Lev	Crds	Num	Lit
90440	Korero I te reo o tona ao mohio	2	6	N	N
90449	Whakarongo I te reo o tona ao mohio	2	4	N	N
90757	Hanga Tuhinga I te reo o tona ao mohio	2	4	N	Y

Year: 13

Entry requirements: 18 Credits at L 2 Maori or 12-18 credits at HOD discretion

Achievement Standards External

Code	Standard	Lev	Crds	Num	Lit
90781	Panui kia whai maramatanga I te reo o te ao	3	3	N	Y
90782	Whakaoti tuhinga okawa I te reo o te ao whanui	3	4	N	Y
90784	Hunga Tuhinga auaha I te reo o tona ao whanui	3	3	N	Y

Achievement Standards – Internal

Code	Standard	Lev	Crds	Num	Lit
90542	Whakarongo i te reo o tona ao whanui	3	4	N	N
90543	Korero i te reo o tona ao whanui	3	6	N	N
90783	Hanga Tuhinga auaha I te reo o tona ao whanui	3	4	N	Y

Visual Arts

Year: 11 - Visual Art

NB. This course contains some written work

Entry requirements: Year 10 Art preferred but at HOD discretion

Students **must** have an art pack for this course.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	1	12	N	N

Achievement Standards-Internal

Code	Standard	Lev	Crds	Num	Lit
90913	Demonstrate understanding of artworks from cultural contexts using art terminology.	1	4	N	Y
90914	Use drawing methods for recording information using wet and dry media.	1	4	N	N
90915*	Use drawing conventions to develop work in more than one field of practice.	1	4	N	N
90917 *	Produce a finished work that demonstrates skills appropriate to cultural conventions	1	4	N	N

*N.B Achievement Standards 90915 and 90917 are actually taught and completed in the Year 10 programme.

Year 12 – Digital Design

*NB. This course contains a **considerable amount** of written work*

Entry requirements: L 1 Art or at HOD discretion

Students **must** have their own digital camera, memory stick, printing credits and an art pack for this course.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design.	2	12	N	N

Achievement Standards and Unit Standards - Internal

Code	Standard	Lev	Crds	Num	Lit
91317	Develop ideas in a related series of drawings appropriate to established photography practice	2	4	N	N
91305	Demonstrate an understanding of methods and	2	4	N	N

	ideas from established practice appropriate to design				
91310	Use drawing methods to apply knowledge of conventions appropriate to design	2	4	N	N

Year 12 – Visual Arts

*NB. This course contains a **considerable amount** of written work*

Entry requirements: 18 Credits at L 1 Art or 12-18 credits at HOD discretion

Students **must** have an art pack for this course.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	2	12	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
91306	Demonstrate an understanding of methods and ideas from established practice appropriate to painting	2	4	N	N
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	2	4	N	N
91316	Develop ideas in a related series of drawings appropriate to established painting practice	2	4	N	N

Year 13 – Design

*NB. This course contains a **considerable amount** of written work*

Entry requirements: 18 Credits at L 2 Art or 12-18 credits at HOD discretion

Students **must** have an art pack, memory stick, printing credits for this course.

Achievement Standards-External

Code	Standard	Lev	Crds	Num	Lit
90517	Produce original work within design to show extensive knowledge of art-making methods and ideas.	3	14	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90515	Research and analyse approaches within established design practice.	3	4	N	N
90516	Investigate and use ideas and methods in the context of a drawing study in design.	3	6	N	N

Year 13 - Painting

*NB. This course contains a **considerable amount** of written work*

Entry requirements: 18 Credits at L 2 Art or 12-18 credits at HOD discretion

Students **must** have an art pack for this course.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90667	Produce original work within painting to show extensive knowledge of art-making methods and ideas	3	14	N	N

Achievement Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90659	Research and analyse approaches within established painting practice	3	4	N	N
90663	Investigate and use ideas and methods in the context of a drawing study in painting	3	6	N	N

Year 13 – Photography

*NB. This course contains a **considerable amount** of written work*

Entry requirements: 18 Credits at L 2 Art or 12-18 credits at HOD discretion

Students **must** have their own digital camera memory stick, printing credits, and an art pack for this course.

Achievement Standards- External

Code	Standard	Lev	Crds	Num	Lit
90668	Produce original work within photography to show extensive knowledge of art-making methods and ideas	3	12	N	N

Achievement Standards and Unit Standards- Internal

Code	Standard	Lev	Crds	Num	Lit
90660	Research and analyse approaches within established Photography practice.	3	4	N	N
90664	Investigate and use ideas and methods in the context of a drawing study in photography	3	6	N	N