



**St Bernard's College**

**ASSESSMENT**

**PROGRAMME**

**BOOKLET**

**2019**

**Level 3**

*We develop faith, learning and culture*

# LEVEL 3

80 credits of which 20 can come from NCEA Level 2, and a minimum of 60 credits at NCEA Level 3 or higher.

**NCEA Level 3 Endorsement with Merit** = 50 credits at Excellence or Merit

**NCEA Level 3 Endorsement with Excellence** = 50 credits at Excellence

## **Course Endorsement:**

Each subject may be available for a course endorsement. You can get a subject endorsed with Merit or endorsed with Excellence. To get an endorsed certificate the course must be structured in such a way that at least 3 of the 14 credits must be from internally assessed standards, and 3 from external assessment, with the exception of Physical Education, Religious Studies and Visual Art. To gain a subject endorsement you need at least 14 credits or above at Merit or Excellence.

## **Entrance to New Zealand Universities Requirements:**

- NCEA Level 3
- Three approved subjects - minimum 14 credits in each
- **Literacy** - 5 reading and 5 writing credits Level 2
- **Numeracy** - 10 credits Level 1

## ACCOUNTING

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91405 (3.2)	2	Demonstrate understanding of accounting for partnerships	Internal	No	1	Yes	No	4	8 March
91409 (3.6)	2	Demonstrate understanding of a job cost subsystem for an entity	Internal	No	1	Yes	No	4	10 May
91406 (3.3)	2	Demonstrate understanding of company financial statement preparation	External	No	2	Yes	No	5	End of Year
91408 (3.5)	2	Demonstrate understanding of management accounting to inform decision-making	External	No	2	Yes	No	4	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		17	

## BIOLOGY

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91601 (3.1)	2	Carry out a practical investigation in a biological context, with guidance	Internal	No	1	Yes	No	4	5 April
91603 (3.3)	2	Demonstrate understanding of the responses of plants and animals to their external environment	External	No	1	No	Yes	5	End of Year
91604 (3.4)	2	Demonstrate understanding of how an animal maintains a stable internal environment	Internal	No	2	Yes	No	3	Early August
91607 (3.7)	2	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	Internal	No	2	Yes	No	3	20 September
91605 (3.5)	2	Demonstrate understanding of evolutionary processes leading to speciation	External	No	2	No	Yes	4	End of Year
91606 (3.6)	2	Demonstrate understanding of trends in human evolution	External	No	2	Yes	No	4	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		14/23	

## BUSINESS STUDIES

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91382 (3.4)	2	Develop a marketing plan for a new or existing product	Internal	No	1	Yes	No	6	T2 - Wk 3 17 May
91384 (3.6)	2	Carry out, with consultation, an innovative and sustainable business activity	Internal	No	2	Yes	No	9	T3 - Wk 9 20 September
91381 (3.3)	2	Apply business knowledge to address a complex problem(s) in a given global business context	External	No	2	Yes	No	4	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		19	

## CHEMISTRY

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91393 (3.7)	2	Demonstrate understanding of oxidation-reduction processes	Internal	No	1	Yes	No	3	5 April
91390 (3.4)	2	Demonstrate understanding of thermochemical principles and the properties of particles and substances	External	No	1	Yes	No	5	End of Year
91388 (3.2)	2	Demonstrate understanding of spectroscopic data in chemistry	Internal	Yes	2	Yes	No	3	28 June
91391 (3.5)	2	Demonstrate understanding of the properties of organic compounds	External	No	2	Yes	No	5	End of Year
91392 (3.6)	2	Demonstrate understanding of equilibrium principles in aqueous systems	External	No	2	Yes	No	5	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		21	

# CONSTRUCTION

Unit Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
29677	1	Follow safe work place procedures and contribute to a health and safety culture in a BCATS environment	Internal	No	1	Yes	No	2	T2 - Wk 6 7 June
29681	1	Measure and calculate for a stage3 BCATS project	Internal	No	1	Yes	No	3	T2 - Wk 8 21 June
29682	1	Select, use and maintain tools, equipment and machinery for a stage 3 BCATS project	Internal	No	2	Yes	No	4	T3 - Wk 4 15 August
29684	1	Undertake a stage 3 BCATS project	Internal	No	2	Yes	No	12	T4 - Wk 2 25 October
<b>This course is Not Endorsable</b>							<b>TOTAL CREDITS</b>	21	

# CREATIVE TECHNOLOGY

*Student sitting Design-based course will only do these standards listed below*

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
<b>91455</b> (3.4) Music Studies	2	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	External	No	2	Yes	No	14	End of Year 20 September
<b>91445</b> (3.2) Visual Art	2	Use drawing to demonstrate understanding of conventions appropriate to design	Internal	No	2	Yes	No	4	28 October
<b>TOTAL CREDITS</b>								<b>18</b>	

*Student sitting Performing Arts Technology-based course will only do these standards listed below*

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
<b>28003</b> Performing Arts Technology	3	Research, develop and apply a stage lighting design concept for a given work	Internal	Yes	-	No	Yes	6	T3 W1 or T4 W1 by negotiation
<b>28007</b> Performing Arts Technology	3	Select and apply a range of processes to enhance sound in a performance context	Internal	Yes	-	No	Yes	6	T3 W1 or T4 W1 by negotiation
<b>28006</b> Performing Arts Technology	3	Research, develop and visually communicate a set design concept for a given work	Internal	Yes	-	No	Yes	6	T3 W1 or T4 W1 by negotiation
<b>TOTAL CREDITS</b>								<b>18</b>	

## DESIGN and VISUAL COMMUNICATION

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91628 (3.31)	3	Develop a visual presentation that exhibits a design outcome to an audience (optional to be discussed)	Internal	No	2	Yes	No	6	T3 - Wk 1 26 July
91630 (3.33)	3	Resolve a product design through graphics practice	Internal	No	1	Yes	No	6	T4 - Wk 2 25 October
91627 (3.30)	3	Initiate design ideas through exploration	External	No	2	Yes	No	4	T3 - Wk 9 End of Year
<b>Course Endorsement is possible for this course</b>							<b>TOTAL CREDITS</b>	16	

## DIGITAL TECHNOLOGY

Achievement / Unit Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
18741	6	Create a computer program to provide a solution	Internal	No	1	Yes	No	6	T2 - Wk 3 17 May
91637 (3.46)	3	Develop a complex computer program for a specified task	Internal	No	1	Yes	No	6	T2 - Wk 7 14 June
91635 (3.43)	3	Implement complex procedures to produce a specified digital media outcome	Internal	No	2	Yes	No	4	T4 - Wk 2 25 October
91610 (3.3)	3	Develop a conceptual design considering fitness for purpose in the broadest sense	Internal	No	2	Yes	No	6	T4 - Wk 2 25 October
<b>This course is Not Endorsable</b>							<b>TOTAL CREDITS</b>	22	

## DRAMA

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91512 (3.1)	2	Interpret scripted text to integrate drama techniques in performance	Internal	No	1	Yes	No	4	22 March
91517 (3.6)	2	Perform a substantial acting role in a significant production	Internal	No	1	No	Yes	5	7 April
91513 (3.2)	2	Devise and perform a drama to realise a concept	Internal	No	1	Yes	No	5	4 September
91515 (3.4)	2	Select and use complex performance skills associated with a drama form or period	Internal	No	1	No	Yes	4	12 June
91518 (3.7)	2	Demonstrate understanding of live theatre performance	External	No	1	Yes	No	4	End of Year
<b>Course Endorsement is possible for this course</b>						<b>TOTAL CREDITS</b>		17/22	



# ENGLISH

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91480 (3.9)	1	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	Internal	No	1	Yes	No	3	2 April
91478 (3.7)	1	Respond critically to significant connections across texts, supported by evidence	Internal	No	2	Yes	No	4	20 June
91475 (3.4)	1	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	Internal	No	2	Yes	No	6	28 August
91476 (3.5)	1	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	Internal	No	2	No	Yes	3	20 September
91472 (3.1)	1	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	External	No	2	No Students will opt into 2 of the 3 external exams	Yes	4	End of Year
91473 (3.2)	1	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	External	No	2			4	End of Year
91474 (3.3)	1	Respond critically to significant aspects of unfamiliar written text(s) through close reading, supported by evidence	External	No	2			4	End of Year
<b>Course Endorsement is possible for this course</b>						<b>TOTAL CREDITS</b>		21/24	

## HISTORY

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91434 (3.1)	2	Research an historical event or place of significance to New Zealanders, using primary & secondary sources	Internal	No	1	Yes	No	5	5 April
91435 (3.2)	2	Analyse an historical event, or place, of significance to New Zealanders	Internal	No	2	Yes	No	5	28 June
91436 (3.3)	2	Analyse evidence relating to an historical event of significance to New Zealanders	External	No	2	Yes	No	4	End of Year
91438 (3.5)	2	Analyse the causes and consequences of a significant historical event	External	No	2	Yes	No	6	End of Year
<b>Course Endorsement is possible for this course</b>						<b>TOTAL CREDITS</b>		<b>20</b>	

## HARD MATERIALS

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91610 (3.3)	3	Develop a conceptual design considering fitness for purpose in the broadest sense	Internal	No	1	Yes	No	6	T1 - Wk 9 29 March
91620 (3.20)	3	Implement complex procedures to integrate parts using resistant materials to make a specified product	Internal	No	2	Yes	No	6	T2 - Wk 9 28 June
91624 (3.24)	3	Demonstrate understanding of a structural system	Internal	No	2	Yes	No	3	T3 - Wk 9 20 September
<b>This course is Not Endorsable</b>						<b>TOTAL CREDITS</b>		<b>17</b>	

## HOSPITALITY & CATERING

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
168	6	Demonstrate knowledge of food contamination hazards, and control methods used in a food business	Internal	No	1	Yes	No	4	T1 - Wk 10 5 April
18497	6	Demonstrate knowledge of culinary products and terms	Internal	No	2	Yes	No	8	T3 - Wk 5 23 August
13343	5	Demonstrate knowledge of basic nutrition in commercial catering	Internal	No	2	Yes	No	5	T4 - Wk 2 25 October
<b>This course is Not Endorsable</b>						<b>TOTAL CREDITS</b>		17	

## MATHEMATICS

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91574 (3.2)	2	Apply linear programming methods in solving problems	Internal	No	1	Yes	No	3	T1 - Wk 5 1 March
91576 (3.4)	2	Use critical path analysis in solving problems	Internal	No	1	Yes	No	2	T2 - Wk 1 3 May
91587 (3.15)	2	Apply systems of simultaneous equations in solving problems	Internal	No	2	Yes	No	3	T2 - Wk 8 21 June
91580 (3.8)	2	Investigate time series data	Internal	No	2	Yes	No	4	T3 - Wk 6 29 August
91583 (3.11)	2	Conduct an experiment to investigate a situation using experimental design principles	Internal	No	2	Yes	No	4	T4 - Wk 1 18 October
<b>This course is Not Endorsable</b>						<b>TOTAL CREDITS</b>		16	

## MATHEMATICS with CALCULUS

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91575 (3.3)	2	Apply trigonometric methods in solving problems	Internal	No	1	Yes	No	4	T1 Wk 9 29 March
91578 (3.6)	2	Apply differentiation methods in solving problems	External	No	1	Yes	No	6	End of Year
91577 (3.5)	2	Apply the algebra of complex numbers in solving problems	External	No	1	Yes	No	5	End of Year
91579 (3.7)	2	Apply integration methods in solving problems	External	No	2	Yes	No	6	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		21	

## MATHEMATICS with STATISTICS

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91580 (3.8)	2	Investigate time series data	Internal	No	1	Yes	No	4	T1 Wk 6 8 March
91581 (3.9)	2	Investigate bivariate measurement data	Internal	No	1	Yes	No	4	T2 Wk 1 3 May
91582 (3.10)	2	Use statistical methods to make a formal inference	Internal	No	1	Yes	No	4	T2 Wk 6 7 June
91585 (3.13)	2	Apply probability concepts in solving problems	External	No	1	Yes	No	4	End of Year
91586 (3.14)	2	Apply probability distributions in solving problems	External	No	2	Yes	No	4	End of Year
Course Endorsement is possible for this course						TOTAL CREDITS		20	

## MEDIA STUDIES

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91491 (3.2)	2	Demonstrate understandings of the meaning of a media text through different readings	Internal	No	1	Yes	No	3	8 April
91494 (3.5)	2	Produce a design for a media product that meets the requirements of a brief	Internal	No	2	Yes	No	4	7 June
91497 (3.8)	2	Write a media text to meet the requirements of a brief	Internal	No	2	No	Yes	3	7 June
91495 (3.6)	2	Produce a media product that meets the requirements of a brief	Internal	No	2	Yes	No	6	2 August
91493 (3.4)	2	Demonstrate understanding of a relationship between a media genre and society	External	No	2	Yes	No	4	End of Year
<b>Course Endorsement is possible for this course</b>						<b>TOTAL CREDITS</b>		17/20	

# MUSIC

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91416 (3.1) Making Music	2	Perform two programmes of music as a featured soloist	Internal			No	Yes	8	25 October
91418 (3.3) Making Music	2	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	Internal			No	Yes	4	25 October
91419 (3.4) Making Music	2	Communicate musical intention by composing three original pieces of music	Internal			No	Yes	8	25 October
91422 (3.7) Music Studies	2	Analyse a substantial music work	Internal			No	Yes	4	25 October
91425 (3.10) Music Studies	2	Research a music topic	Internal			No	Yes	6	25 October
91420 (3.5) Making Music	2	Integrate aural skills into written representation	External			Yes	No	4	End of Year
<b>This course is Endorsable but only if you are attempting the external assessment</b>						<b>TOTAL CREDITS</b>		<b>3/34</b>	

## PACIFIC STUDIES

Unit Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
17164	4	Draw a conclusion after investigating a hypothesis on an aspect of Pacific indigenous knowledge with consultation	Internal	No	1	No	Yes	6	3 May
17170	3	Draw a conclusion after investigating a hypothesis on an aspect of Pacific society with consultation	Internal	No	1	No	Yes	6	26 July
26540	4	Communication comprehensive understanding of an aspect of Pacific culture through a planned presentation with consultation	Internal	Yes	2	No	Yes	3	23 August
17167	3	Draw a conclusion after investigating a hypothesis on an aspect of Pacific change and development with consultation	Internal	No	2	No	Yes	6	25 October
<b>This course is Not Endorsable</b>							<b>TOTAL CREDITS</b>	21	

## PHYSICAL EDUCATION

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91500 (3.3)	2	Evaluate the effectiveness of a performance improvement programme	Internal	No	1	Yes	No	4	5 April
91502 (3.5)	2	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	Internal	No	2	Yes	No	4	28 June
91503 (3.6)	2	Evaluate the use of health promotion to influence participation in physical activity	Internal	No	2	Yes	No	5	23 August
91501 (3.4)	2	Demonstrate quality performance of a physical activity in an applied setting	Internal	No	2	Yes	No	4	18 October
91504 (3.7)	2	Analyse issues in safety management for outdoor activity to devise safety management strategies	Internal	No	2	Yes	No	3	18 October
<b>Course Endorsement is possible for this course</b>							<b>TOTAL CREDITS</b>	20	

## PHYSICS

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91525 (3.5)	2	Demonstrate understanding of Modern Physics	Internal	No	1	Yes	No	3	T2 - Wk 7 14 June
91521 (3.1)	2	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	Internal	No	2	Yes	No	4	T3 - Wk 5 23 August
91523 (3.3)	2	Demonstrate understanding of wave systems	External	No	2	Yes	No	4	End of Year
91524 (3.4)	2	Demonstrate understanding of mechanical systems	External	No	2	Yes	No	6	End of Year
91526 (3.6)	2	Demonstrate understanding of electrical systems	External	No	2	No	Yes	6	End of Year
Course Endorsement is possible for this course							<b>TOTAL CREDITS</b>	17/23	

## RELIGIOUS STUDIES

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
90825 (3.2)	3	Analyse a religious tradition(s) in Aotearoa New Zealand	Internal	No	1	Yes	No	6	3 May
90827 (3.4)	3	Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions	Internal	No	2	Yes	No	6	26 July
90826 (3.3)	3	Analyse the response of a religious tradition to a contemporary ethical issue	Internal	No	2	Yes	No	6	18 October
Course Endorsement is possible for this course							<b>TOTAL CREDITS</b>	18	



# SAMOAN

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91564 (3.2)	1	Give a clear spoken presentation in Samoan that communicates a critical response to stimulus material	Internal	Yes	1	Yes	No	3	T2 - Wk 9 28 June
91565 (3.3)	1	Interact clearly using spoken Samoan to explore and justify varied ideas and perspectives in different situations	Internal	No	2	Yes	No	6	T3 - Wk 9 20 September
91567 (3.5)	1	Write a variety of text types in clear Samoan to explore and justify varied ideas and perspectives	Internal	No	2	Yes	No	5	T3 - Wk 9 20 September
91566 (3.4)	1	Demonstrate understanding of a variety of extended written and/or visual Samoan texts	External	No	2	Yes	No	5	End of Year
91563 (3.1)	2	Demonstrate understanding of a variety of extended spoken Samoan texts	External	No	2	No	Yes	5	End of Year
<b>Course Endorsement is possible for this course</b>							<b>TOTAL CREDITS</b>	<b>19/24</b>	

## SCIENCE

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91415 (3.6)	2	Investigate an aspect of astronomy	Internal	No	1	Yes	No	4	6 April
91410 (3.1)	2	Carry out an independent practical Earth and Space Science investigation	Internal	No	1	Yes	No	4	16 March
91412 (3.3)	2	Investigate the evidence related to dating geological event(s)	Internal	No	2	Yes	No	4	8 June
91607 (3.7)	2	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	Internal	No	2	Yes	No	3	T2 Wk 10 28 June
91606 (3.6)	2	Demonstrate understanding of trends in human evolution	External	No	2	No	Yes	4	T3 Wk 6 End of Year
91413 (3.4)	2	Demonstrate understanding of processes in the ocean system	External	No	2	No	Yes	4	5 August End of Year
<b>This course is Endorsable but only if you are attempting the external assessment</b>							<b>TOTAL CREDITS</b>	15/23	

## TE REO MĀORI

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
<b>Course Endorsement is possible for this course</b>							<b>TOTAL CREDITS</b>		

## VISUAL ART

Achievement Standard Number	Version Number	Title	Mode Internal / External	Second Assessment Opportunity Available Y / N	Period 1 or Period 2	Compulsory Completed by ALL STUDENTS	Optional Completed by SELECTED STUDENTS	Credit Value	Assessment Date if known
91451 (3.3)	2	<b>Painting</b> - Systematically clarify ideas using drawing informed by established painting.	Internal	Yes	1	No	Yes	4	5 April
91456 (3.4)	2	<b>Painting</b> - Produce a systematic body of work that integrates conventions and regenerates ideas within painting.	External	No	2	No	Yes	14	25 October
91450 (3.3)	2	<b>Design</b> - Systematically clarify ideas using drawing informed by established design.	Internal	Yes	1	No	Yes	4	5 April
91455 (3.4)	2	<b>Design</b> - Produce a systematic body of work that integrates conventions and regenerates ideas within design.	External	No	2	No	Yes	14	25 October
<b>Course Endorsement is possible for this course</b>						<b>TOTAL CREDITS</b>		Optional maximum 16 credits	