



SECONDARY QUALIFICATIONS

AT AUCKLAND GRAMMAR

SCHOOL



Overview

1. Introduction to Qualification Pathways
2. Pathway 1: NCEA
3. Pathway 2: CIE
4. AGS Year Level Courses 2012
5. University Entrance in NZ



National Provider: NZQA

- National secondary qualifications are awarded by New Zealand Qualifications Authority.
- NZQA administers the New Zealand Qualifications Framework (NZQF).
- The National Certificate of Educational Achievement (NCEA) is part of the NZQF.



International Provider: CIE

- International secondary qualifications are available from Cambridge International Examinations (CIE).
- CIE is the international branch of the University of Cambridge Local Examinations Syndicate (UCLES).



Qualification Pathways

- Dual Pathway implemented from 2002
- Pathway 1: NCEA
- Pathway 2: CIE
- Both pathways lead to tertiary entrance



Qualification Pathways

	NCEA	CIE
Year 11	Level 1	IGCSE
Year 12	Level 2	Advanced Subsidiary (AS)
Year 13	Level 3	AS/Advanced Level (Scholarship)



Selecting Pathways

- The school sets the pathway for Years 10 & 11.
- Students select their pathway in Years 12 and 13.
- It is possible to change from CIE to NCEA going in to Years 12 or 13.
- It is possible but not advisable to change from NCEA to CIE going in to Year 13.



Pathway 1: NCEA

The National Certificate of Educational Achievement is available at 3 levels:

- Level 1 for Year 11 students
- Level 2 for Year 12 students
- Level 3 for Year 13 students

Scholarship is also available.



Gaining a NCEA

- A NCEA is awarded when a student accumulates 80 **credits**.
- Credits are gained by passing **Achievement Standards** and/or **Unit Standards**.
- Each year-long course of study of a subject (e.g. Y11 Mathematics, Y13 English) is assessed by 5 to 9 Standards.



Example: Level 1 English

Year 11 English has the following Achievement Standards:

External

1.1	Written Text	4 credits
1.2	Visual text - Film	4 credits
1.3	Unfamiliar written Texts	4 credits

Internal

1.4	Creative Writing	3 credits
1.5	Formal Writing	3 credits
1.6	Speech	3 credits
1.7	Static Image	<u>3 credits</u>

TOTAL = 24 credits



Availability of Credits

- 24 credits available in each subject.
- Standards have different credit values depending on the amount of learning involved.
- A typical student studying 5 subjects can gain a maximum of 120 credits (5×24).



Assessment

- All assessment is **standards based**. Most courses offer Achievement Standards.
- Some of the Achievement Standards for each subject will be **externally assessed**.
- The remainder will be **internally assessed**.
- Unit Standards are 100% internally assessed.



Example: Level 3 History

- 3.1 Internal Assignment
- 3.2 Internal Assignment
- 3.3 External EOY Examination
- 3.4 External EOY Examination
- 3.5 External EOY Examination



External Assessment

- Usually takes the form of an end of year examination.
- Other forms include external panel marking of portfolios e.g. Visual Art, Graphics and Technology.



Internal Assessment

- Standards that require internal assessment generally relate to research, presentation or performance skills and practical work.
- The work is assessed by teachers.
- NZQA audits the school's internal assessment procedures (MNA system).



Standards Based Assessment

- Every standard is marked using SBA.
- Standards describe what a student knows and can do e.g. History 3.3 Analyse and evaluate evidence in historical sources.
- Standards describe the level of work that students need to produce.



Standards Based Assessment

Students are awarded one of 4 grades in each Achievement Standard:

- Not Achieved) No credit
- Achieved)
- Merit) Pass - gain credits
- Excellence)

No marks allocated

[Unit Standards are Achieved or Not Achieved]



Reporting Results


At the end of each academic year students receive an provisional **results notice**. This profile:

- Lists results for all Standards entered
- Indicates the total number of credits gained in each subject



NZQF Results Notification

National Qualifications Framework
ANNUAL RESULT NOTICE



NZQA
NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOKU MATALAANGA O AOTIAROA

Andrew Steven Learner
Address 1
Address 2
Address 3
Address 4 Post Code

NSN: 101101004
Academic Year: 2007
Issued: January 2008

Qualification and Achievement Summary for 2007

	Qualification Achieved
National Certificate of Educational Achievement - Level 1 achieved with merit	01/2006
National Certificate of Educational Achievement - Level 3	01/2008
New Zealand University Entrance	01/2008

Standards Achieved in 2007

Where the result achieved is the best possible result for that standard the result will be shown in bold type.

		A - Achieved M - Achieved with Merit E - Achieved with Excellence	N - Not Achieved (ext) - Externally Assessed (int) - Internally Assessed	
BIOLOGY				
Level 3				Credits
8931	Describe gene expression (int)			4 A
8932	Describe gene-gene and gene-environment interaction (int)			3 A
90713	Carry out an investigation into an aspect of the ecological niche of an organism with guidance (int)			5 M
90714	Research a contemporary biological issue (int)			3 A
90716	Describe animal behaviour and plant responses (ext)			N
90717	Describe patterns of evolution (ext)			2 E
90718	Describe applications of biotechnological techniques (int)			3 A
90719	Describe trends in human biological and cultural evolution (ext)			3 M
Total credits achieved in 2006 in Biology at Level 3:				23
CHEMISTRY				
Level 3				
6344	Investigate the characteristic properties and reactions of organic substances (int)			5 A
6345	Analyse spontaneous oxidation-reduction reactions (int)			4 A
8948	Calculate the enthalpy change associated with chemical reactions (int)			2 A
8949	Characterise the composition of solid and liquid solutions (int)			1 A



NZQF Results Notification

Specific Qualifications or Achievements							Date Gained
Qualification and Achievement Summary for 2006							
National Certificate of Educational Achievement - Level 3 New Zealand University Entrance						Issue Date 01/2007 01/2007	
Standards Achieved in 2006							
Where the result achieved is the best possible result for that standard the result will be shown in bold type.				A - Achieved M - Achieved with Merit E - Achieved with Excellence		N - Not Achieved (ext) - Externally Assessed (int) - Internally Assessed	
BIOLOGY							Credits
Level 3	8931	Describe gene expression (int)			4	A	
	8932	Describe gene-gene and gene-environment interaction (int)			3	A	
	90713	Carry out an investigation into an aspect of the ecological niche of an organism with guidance (int)			5	M	
	90714	Research a contemporary biological issue (int)			3	A	
	90716	Describe animal behaviour and plant responses (ext)				N	
	90717	Describe patterns of evolution (ext)			2	E	
	90718	Describe applications of biotechnological techniques (int)			3	A	
	90719	Describe trends in human biological and cultural evolution (ext)			3	M	
Total credits achieved in 2006 in Biology at Level 3:						23	
Subject Group	Level	Standard Number	Standard Title	Key to Result Codes	Credits gained for this standard	Total credits in the subject	Your result



Reporting Results

- Credits from all courses are stored on the NZQA database.
- Students may download this information as their **Record of Achievement** at any time.
- When a student gains a total of 80 credits at a particular level he is awarded a National Certificate of Educational Achievement.
- When a student leaves school he receives a **Schools Results Summary** (SRS) listing results for all the standards he has attempted.



Gaining a NCEA

Level 1: 80 credits at any level, including 8 in reading and writing and 8 in number skills.

Level 2: 80 credits; a minimum of 60 credits at Level 2 or above.

Level 3: 80 credits; a minimum of 60 credits at Level 3 or above.



This is to certify that in 2007

Andrew Steve Learner

was awarded

**NATIONAL CERTIFICATE
OF EDUCATIONAL ACHIEVEMENT**

Level 3 achieved with merit



newzealand.govt.nz

Chief Executive
New Zealand Qualifications Authority
Issued: 4 April 2008

For details of standards achieved by the holder of this certificate, refer to the Record of Achievement issued by the New Zealand Qualifications Authority, PO Box 160, Wellington 6140, New Zealand

Gaining a NCEA

Certificates can be achieved with Merit or Excellence endorsements:

- For a certificate to be endorsed with Merit , 50 credits at Merit or Excellence will be required.
- For a certificate to be endorsed with Excellence , 50 credits at Excellence will be required.

Course Endorsement

Enables students with strong performances in individual subjects to gain Excellence or Merit endorsements:

- For a subject to be endorsed with Merit , 14 credits at Merit or Excellence will be required.
- For a certificate to be endorsed with Excellence , 14 credits at Excellence will be required.



Changes to NCEA 2010 - 2012

- Driven by realignment to the new NZC.
- Unit standards in NCEA subjects phased out.
- Maximum of 3 externally assessed standards.
- Balance of internal/external assessment will shift; maximum of 50% externally assessed.
- 10 credits in numeracy and 10 credits in literacy required for Level 1 NCEA from 2012



Pathway 2: CIE

CIE offers 3 general secondary qualifications:

- Year 11 - IGCSE
- Year 12 - GCE Advanced Subsidiary (AS)
- Year 13 - GCE Advanced Level (A Level)



IGCSE

- International General Certificate of Secondary Education.
- Foundation for higher level courses, especially AS/A Level.
- Percentage marks given.
- 8 point grade scale from A* to G.
(G grade is minimum satisfactory performance)



Advanced Subsidiary (AS)

- Half of a full A Level (2nd half = A2).
- Covers Year 12 core/foundation of the subject (Year 13 courses in some subjects).
- A worthwhile, stand-alone qualification that contributes to tertiary entrance in NZ.
- A sound foundation for tertiary study.



A Level

- AS (Yr 12) + A2 (Yr 13) = A Level.
 - weighting is usually 50/50
 - AS 72% (B) + A2 66 % (C) = AL 69% (C)
- Based on rigorous, integrated syllabuses.
- Challenging assessments to stretch the most able.



Flexibility in Student Courses

- AS/A Level options allow flexibility, e.g. range from 4 A Levels to 8 – 9 AS.
- Students can combine depth and breadth.
- 2 exam sessions per year.



CIE Assessment

- Treats subjects as an integrated whole.
- Emphasis is strongly on external exams.
- Practical work in Sciences.
- Speaking and listening tests in languages.
- Practical work in Art, Music, Technology.



CIE Reporting

GRADE	IGCSE MARK	AS/AL MARK
A*	90 – 100	90 – 100 (AL only)
A	80 – 90	80 – 100 (AS only)
B	70 – 79	70 – 79
C	60 – 69	60 – 69
D	50 – 59	50 – 59
E	40 – 49	40 – 49
F	30 – 39	
G	20 – 29	

Students receive certificates that record grades and percentage marks



UCAS Tariff

- The UCAS tariff gives numerical values to CIE grades.
- Each AS/A Level grade, A – E, carries a number of points.
- Points can be aggregated.
- Tertiary institutions can set a target number of points for entry purposes.

UCAS Tariff

A Level (Double credit)

AS Level (Single credit)

Half-credit AICE Courses

Grade	Points	Grade	Points	Grade	Points
A	120	A	60	A	30
B	100	B	50	B	25
C	80	C	40	C	20
D	60	D	30	D	15
E	40	E	20	E	10



Scholarship

- A NZQA award based on Year 13 subject content.
- Students from NCEA and CIE classes can enter.
- Monetary awards rather than a qualification.
- Awarded to the top 2-3% of candidates.



Further Information

- Detailed information about NCEA and copies of all standards are available on the NZQA website: www.nzqa.govt.nz
- Detailed information about CIE, including copies of all syllabuses, is available on the CIE website: www.cie.org.uk



Year 10/Form 4, 2012

4A & 4B: IGCSE in Mathematics &
Combined Science.

4A to 4H: Accelerated students present for
NCEA Level 1 in Japanese.



Year 11/Form 5, 2012

5A - 5B: AS in Mathematics.

IGCSE in all subjects except
Japanese and Latin.

5C - 5I: IGCSE in all subjects except
Japanese and Latin.

5J – 5P: IGCSE in all subjects except
English, Career Studies, Japanese,
& Latin (& Maths for some classes)



Changes to 5J – 5P Course

- IGCSE based – opens up CIE Pathway
- Four ‘C’ grades needed to study AS in Form 6
- NCEA L1 English (24 credits) and internal assessment in Mathematics (14 credits):
 - 20 credits towards Level 2 certificate
 - Literacy & Numeracy for Level 1 certificate
- When students gain a Level 2 Certificate they should also be awarded Level 1.



Gaining a L1 Certificate in 2013

- At least 38 Level 1 credits available in 2012.
(20 can be used to get Level 2)

+

- All Level 2 credits count for Level 1
 - 37 L1 + 43 L2 = L1 Certificate in 2012
 - 20 L1 + 60 L2 = L1 & L2 Certificate in 2012
 - 10 L1 + 70 L2 = L1 & L2 Certificate in 2012



Year 12/Form 6, 2012

6A - 6B: A Level Maths (optional).
AS in all subjects (including Form 7
AS) except Japanese and Latin.

6C - 6I: AS in all subjects except Japanese and
Latin; Level 2 English optional.

6C1-6I1: NCEA Level 2.



Year 13/Form 7, 2012

7A – 7I: AS and/or A Levels (4 subjects).

7C1 – 7F1: NCEA Level 3 (5 subjects).

Extremely able Year 12 & 13 students may also enter Scholarship examinations.



University Recognition

- Universities world-wide recognise NCEA and AS/A Levels as entry qualifications.
- NZQA sets the common entrance standard for NZ university entrance based on NCEA.
- Universities NZ recognises AS/A Levels as entrance level qualifications for admission to NZ universities.



U.E. Criteria: NCEA

NUMERACY 14 Level 1 credits in Mathematics.

LITERACY 8 Level 2 credits in English (4 Reading, 4 Writing).

GENERAL 42 Level 3 credits: 14+ in 2 subjects; 14+ in no more than 2 subjects.



U.E. Criteria: NCEA

14 credits at level 3 or higher in an 'approved subject' area

14 credits at level 3 or higher in an 'approved subject' area

14 credits at level 3 or higher in no more than 2 domains or 'approved subject' areas

- **14 credits in Mathematics at level one or higher**
- **4 credits at level two or above in Reading**
- **4 credits at level two or above in Writing**



U.E. Criteria: NCEA

Student A

Geography 15 credits

Biology 16 credits

Economics 8 credits

English 6 credits

Physics 5 credits

Total: 50 credits, UE ✓

Student B

History 20 credits

Physics 19 credits

Maths Calc. 6 credits

Statistics 7 credits

Accounting 6 credits

Total: 58 credits, UE ✗



U.E. Criteria: CIE

NUMERACY D grade in IGCSE Mathematics.

LITERACY E grade in AS English.

GENERAL 120 points on the UCAS tariff.
D grades in at least 3 AS or A
Level subjects.



U.E. Criteria: CIE

Student A

AL English: B, 100 pts

AS Geography: C, 40 pts

AS History: E, 20 pts

AS Phys Ed: D, 30 pts

Total: 190 pts, UE ✓

Student B

AL Maths: A, 120 pts

AL Chemistry: C, 80 pts

AS English: E, 20 pts

AS Biology: E, 20 pts

Total: 240 pts, UE ✗



U.E. – Mixed Qualifications

It is possible to gain U.E. with a mix of the numeracy, literacy and general subject standards e.g. IGCSE Mathematics, AS English, 56 Level 3 credits.

Students are not permitted to mix their general subject standard course – they study NCEA Level 3 or AS./A Level.



U.E. – Selective Entry

Universities are ranking students for selective entry to degree courses.

- NCEA: points total generated from best 80 credits (4 for Exc., 3 for Merit, 2 for Achieved).
- CIE: points total generated from UCAS tariff (Best 6 credits).
- Required scores are set for degree course entry
e.g. BA 140 pts, BHSc 210 pts, BE 240 pts



U.E. – Review & Changes

- UE recently reviewed by NZQA.
- Common Entrance standard and Literacy requirement has been raised.
- NZVCC will establish new, equivalent criteria for CIE.
- Will definitely apply for 2015 entry.