



# UNIVERSITY OF CAPE TOWN

## OFFICIAL TRANSCRIPT

### Statement of Academic Record

Name : McConnell, Lucas Michael Henry

Campus ID : MCCLUC003

Student Records Office

Birthdate : 1990-12-19

University of Cape Town

Private Bag X3

Rondebosch

7701

South Africa

Telephone: (021) 650-3595

Fax : (021) 650-5714

- - - - - Beginning of Undergraduate Record - - - - -

2010

Programme: Bachelor of Science

Plan : Applied Mathematics Major

Plan : Physics Major

Course	Description	Credits Taken	Credits Earned	Result
CEM 1000W	Chemistry 1000	36	36	52 3
MAM 1000W	Mathematics 1000	36	36	50 3
MAM 1043H	Modelling & Applied Computing	18	18	65 2-
MAM 1044H	Dynamics	18	18	53 3
PHY 1004W	Matter and Interactions	36	36	62 2-

Academically eligible to continue

2011

Programme: Bachelor of Science SB001

Plan : Applied Mathematics Major

Plan : Physics Major

Course	Description	Credits Taken	Credits Earned	Result
MAM 2000W	Mathematics 2000	48	48	52 3
MAM 2046W	Applied Mathematics 2046	48	48	53 3
PHY 2014F	Waves, Vibrations & Electromag	24	24	51 3
PHY 2015S	Classical & Quantum Mechanics	24	0	46 F

Academically eligible to continue

2012

Programme: Bachelor of Science SB001

Plan : Applied Mathematics Major

Plan : Mathematics Major

Plan : Physics Major

Course	Description	Credits Taken	Credits Earned	Result
MAM 3000W	Mathematics 3000	72	72	51 3
MAM 3040W	Applied Mathematics 3040	72	72	57 3
PHY 2015S	Classical & Quantum Mechanics	24	24	50 3

Academically eligible to continue

2013





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Programme: Bachelor of Science SB001

Plan : Applied Mathematics Major

Plan : Mathematics Major

Plan : Physics Major

Course	Description	Credits Taken	Credits Earned	Result
MAM 1019H	Fundamentals of Mathematics	18	18	67 2-
PHY 3021F	Advanced Physics A	36	36	61 2-
PHY 3022S	Advanced Physics B	36	36	60 2-

Qualifies for award of degree/diploma

Degree : Bachelor of Science

Confer Date : 2013-12-11

Plan : Applied Mathematics

Plan : Physics

Plan : Mathematics

### ----- Beginning of Honours Record ----- 2014

Programme: BSc (Honours)

Plan : Physics Specialisation

Course	Description	Credits Taken	Credits Earned	Result
PHY 4000W	Honours in Physics	160	160	63 2-

Qualifies for award of degree/diploma

Degree : Bachelor of Science Honours

Confer Date : 2014-12-15

Plan : Physics

### ----- Beginning of Masters Record ----- 2015

Programme: MSc by dissertation

Plan : Physics Specialisation

Course	Description	Credits Taken	Credits Earned	Result
PHY 5000W	Masters in Physics	180	0	GIP GIP

Academically eligible to continue





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#### 2016

Programme: MSc by dissertation

Plan : Physics Specialisation

Course	Description	Credits Taken	Credits Earned	Result
PHY 5000W	Physics Dissertation	180	0	GIP GIP
Academically eligible to continue				

#### 2017

Programme: MSc by dissertation

Plan : Physics Specialisation

Course	Description	Credits Taken	Credits Earned	Result
PHY 5000W	Physics Dissertation	180	180	PA PA
Qualifies for award of degree/diploma				

Degree : Master of Science

Confer Date : 2017-12-20

Plan : Physics

Programme : MSc by dissertation

Thesis/Dissertation - Final Title

Suppression of the fake lepton background in same-sign W-boson  
scattering with the ATLAS experiment

The conduct of the Student was satisfactory.

----- End of Transcript -----



Registrar

See overleaf for an explanation of symbols used



## EXPLANATION OF CODES AND SYMBOLS USED OVERLEAF

### 1 COURSE CODES

Every course described overleaf has a name and corresponding code. Each code has eight characters as follows, AAAInnnB, where:

AAA is the three alpha code of the department or unit administering the course (or in the case of a Faculty-administered course, of the Dean's Office).

I indicates the academic level of the course

nnn a number between 001 and 999 identifying the course

B the 'year portion' indicator, or suffix, identifying the type of course and when it is offered

A 1<sup>st</sup> quarter course

B 2<sup>nd</sup> quarter course

C 3<sup>rd</sup> quarter course

D 4<sup>th</sup> quarter course

F 1<sup>st</sup> semester (half) course

H Half course taught over full year

J Summer term session 1 course

L Winter term course

M Commerce entrance examination

N Commerce entrance examination

P Summer term session 2 course

Q Semester 1 online course

R Semester 2 online course

S 2<sup>nd</sup> semester (half) course

T Whole year online course

U Summer term course taught over full session

V Non-standard online course

W Course taught over whole year

X Special allocation

Z Non-standard course

EWA Examination without attendance at lectures

SUP Supplementary examination in a course

CE Continuing education course

*Credit values for non-GSB undergraduate programmes are displayed only as from 2010, and for the postgraduate programmes and GSB undergraduate programmes, as from 2011.*

### 2 HEQSF COURSE LEVEL

#### DEFINES WORK TYPICAL OF

5

The entry level of an undergraduate diploma or bachelor's qualification

6

The intermediate level of an undergraduate diploma or bachelor's qualification

7

The exit level for a general 3-year bachelor's degree

8

The exit level for a professional 4- or 6-year bachelor's, postgraduate diploma or honours qualification

9

A master's degree

10

A doctoral degree

### 3 RESULTS SYMBOLS

Note: results for courses completed in the current year will remain PROVISIONAL until confirmed at the end of the year.

#### A. Pass

1 75 – 100%

First Class

2+ 70 – 74%

Second Class, Division One

2- 60 – 69%

Second Class, Division Two

3 50 – 59%

Third Class

PA Pass

Note that certain postgraduate courses are graded Pass or Fail only

UP Unclassified Pass

A condoned pass or a supplementary examination written on academic grounds is graded as an Unclassified Pass

SP

Pass result obtained via a supplementary examination

#### B. Fail

F 0 – 49%

Fail

FS 0 – 49%

Failed, but permitted to write a supplementary examination on academic grounds

SF

Supplementary examination failed

A SF

Failed, absent from supplementary examination

UF SM

Unclassified fail, subminimum not met

OSS

Subminima failed, supplementary examination awarded

#### C. Other Results Symbols

DPR

Duly performed certificate refused, i.e. not permitted to write the examination in the course

AB

Absent from the examination

DE

Permission to write a deferred examination in this course on medical, religious, political or other good cause

OS

Result not yet available

GIP

Grade in progress – result expected in a subsequent term

LOA

Leave of Absence

ATT

Course attended

INC

Incomplete

EXA

Excluded from assessment

#### D. Academic Concession – granted on grounds of courses completed elsewhere or towards different qualifications at this university

CR

Credit, but in general the student is not allowed to continue with further courses in the subject

EX

Exemption, but in general another course must be substituted for this course

CX

Credit and Exemption. The course is counted towards the qualification for which the student is registered, and the student is permitted to proceed with further courses in the subject

EXC

Credit excluded. Indicates that the course is not recognised towards the current programme. Used where a student changes programme before graduation.