



REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

PFARELO CHANNEL MUDAU

Identity number 9808275442082

Exam number 7163141430010

Subject
Tshivenda Home Language
English First Additional Language
Mathematics
Life Orientation
Agricultural Science
Life Sciences
Physical Sciences

Achievement level
68
70
68
70
76
74
74

EK SERTIFISEER DAT HIERDIE DOCUMENT IN WARE AFDRIJK (AESKPRIJ) IS VAN DIE OORSPRONKELIKE DOCUMENT WAAR AAN MY WIB WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSIGING OF VERANDERING OP DIE OORSPRONKELIKE DOCUMENT AANGEBRING IS Nie.

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This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

SIGNATURE.....

MAGSNOMMER
FORCE NUMBER.....

RANG
RANK.....

NAAM IN DRUKSKrif
NAME IN PRINT.....

With effect from December 2016

SOUTH AFRICAN POLICE SERVICE	
CLIENT SERVICE CENTRE	
2025 -04- 16	
HONEYDEW	
SUID-AFRIKAANSE POLISIEDIENS	

M. S. LAKOMETSI

Chief Executive Officer

170 3512 6748 R



This certificate is issued without alterations or erasure of any kind



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Council for Quality Assurance in
General and Further Education and Training
South Africa

8256098

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HANDTEKENING
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NAME IN PRINT.....

University of Venda



SOUTH AFRICAN POLICE
CLIENT SERVICE CENTRE

2025 -04- 16

HONEYDEW

SUID-AFRIKAANSE POLISIEDIENS

This is to Certify that the Degree of

BACHELOR OF SCIENCE

was Awarded to

MUDAU PFARELO CHANNEL

9808275442082

at a Ceremony held on the

23-Jun-2021

in Accordance with the Provisions of the
Act and Statute



Vice Chancellor



University Registrar

2306211652

ACADEMIC TRANSCRIPT

TITLE, NAME AND SURNAME: MR MUDAU PFARELO CHANNEL
 ADDRESS: -22.991170,30.628004
 MALAMULELE
 1008

STUDENT NUMBER:
 ID NUMBER:
 DATE OF BIRTH:
 GENDER:
 DATE OF ISSUE:

2017
 QUALIFICATION: BSCPC - BACHELOR OF SCIENCE
 DURATION: 3
 NQF-LEVEL: 7
 OFFERING: FULL-TIME

SUBJECT CODE	CR	SUBJECT DESCRIPTION	EXAM TYPE	FINAL MARK	RESULT DESCRIPTION
SEMESTER ONE					
BIO1541		DIVERSITY OF LIFE 1541	N	61	PASS
CHE1540		GENERAL CHEMISTRY FOR APPLIED SCIENCES 1540	N	52	PASS
COM0510		COMPUTER LITERACY 0510	N	53	PASS
ECS1541		ENGLISH COMMUNICATION SKILLS	N	56	PASS
MAT1541		MATHEMATICS 1541	N	53	PASS
MAT1542		MATHEMATICS 1542	N	50	PASS
PHY1521		MECHANICS 1521	N	53	PASS
PHY1522		WAVES AND OPTICS 1522	N	57	PASS
SEMESTER TWO					
CHE1621		INTRODUCTORY INORGANIC CHEMISTRY 1621	N	54	PASS
CHE1622		INTRODUCTORY ORGANIC CHEMISTRY 1622	N		FAIL NO ADMISSION TO EXAM
ECS1645		ENGLISH COMMUNICATION SKILLS: NAT. AND AGRIC.	N	56	PASS
MAT1641		INTEGRAL CALCULUS 1641	N	37	FAIL SUBMINIMUM
MAT1642		MATHEMATICS FOUNDATION II 1642	N	46	FAIL - SUPPLEMENTARY ALLOWED
PHY1623		PROPERTIES OF MATTER AND THERMAL PHYSICS 1623	N	33	FAIL SUBMINIMUM
PHY1624		ELECTRICITY AND MAGNETISM 1624	N		FAIL NO ADMISSION TO EXAM
SUPPLEMENTARY EXAM (DECEMBER)					
MAT1642		MATHEMATICS FOUNDATION II 1642	S		ABSENT FROM EXAM

TOTAL REGISTERED CREDITS:

0

TOTAL CREDITS PASSED:

0

2018

SUBJECT CODE	CR	SUBJECT DESCRIPTION	EXAM TYPE	FINAL MARK	RESULT DESCRIPTION
SEMESTER ONE					
CHE2521		INORGANIC CHEMISTRY	N	46	FAIL - SUPPLEMENTARY ALLOWED
CHE2522		ORGANIC CHEMISTRY	N		FAIL NO ADMISSION TO EXAM
MAT2541		LINEAR ALGEBRA	N	55	PASS
MAT2542		ADVANCED CALCULUS	N	52	PASS
PHY2521		CLASSICAL MECHANICS	N		FAIL NO ADMISSION TO EXAM
SUPPLEMENTARY EXAM (JULY)					
CHE2521		INORGANIC CHEMISTRY	S	50	PASS
SEMESTER TWO					
CHE1622		INTRODUCTORY ORGANIC CHEMISTRY 1622	N	50	PASS CONDONE
CHE2620		ANALYTICAL CHEMISTRY	N	38	FAIL SUBMINIMUM
CHE2623		PHYSICAL CHEMISTRY	N	35	FAIL SUBMINIMUM
MAT1641		INTEGRAL CALCULUS 1641	N	44	FAIL - SUPPLEMENTARY ALLOWED
MAT1642		MATHEMATICS FOUNDATION II 1642	N	53	PASS
PHY1623		PROPERTIES OF MATTER AND THERMAL PHYSICS 1623	N	59	PASS
PHY1624		ELECTRICITY AND MAGNETISM 1624	N	60	PASS
PHY2623		ELECTRODYNAMICS	N	42	FAIL SUBMINIMUM
SUPPLEMENTARY EXAM (DECEMBER)					
MAT1641		INTEGRAL CALCULUS 1641	S	50	PASS

TOTAL REGISTERED CREDITS:

0

TOTAL CREDITS PASSED:

0

MR PFARELO CHANNEL 9808275442082

University Road, Thohoyandou, Limpopo, Private Bag x5050, Thohoyandou, 0950, Limpopo, South Africa

Tel: +27 15 962 8000, Fax: +27 962 4759, Email: info@univen.ac.za Web: www.univen.ac.za

Page 1 of 3

DUKSKRIF IS VAN
 EK SERTIFIKEERD DOCUMENT. DAT HIERIN VERLYGEN WEGENS DIE VERVLOEKING VAN 'N
 AANGEBERG IS NIET.
 EK SERTIFIKEERD VERBER DAT, VELEGENS MY WYSIGING OF DIE DERSPEENKELING
 AANGEBERG IS NIET.
 I CERTIFY THAT THIS IS A TRUE REPRODUCTION (GOM) OF THE ORIGINAL
 DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER
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RANG.....
 RANK.....
 HANDTEKENING.....
 MAGSHOMMER.....
 FORM NUMBER.....
 NAAM IN DUKSKRIF.....
 NAME IN PRINT.....

SOUTH AFRICAN POLICE SERVICE	CLIENT SERVICE CENTRE
2025 - 04 - 16	
HONEYDEW	
SUID-AFRIKAanse Polisiediens	

2019

SUBJECT CODE	CR	SUBJECT DESCRIPTION	EXAM TYPE	FINAL MARK	RESULT DESCRIPTION
SEMESTER ONE					
CHE2522		ORGANIC CHEMISTRY	N	67	PASS
PHY2521		CLASSICAL MECHANICS	N	47	FAIL - SUPPLEMENTARY ALLOWED
PHY2522		WAVES AND OPTICS 2522	N	53	PASS
SUPPLEMENTARY EXAM (JULY)					
PHY2521		CLASSICAL MECHANICS	S	50	PASS
SEMESTER TWO					
CHE2620		ANALYTICAL CHEMISTRY	N	58	PASS
CHE2623		PHYSICAL CHEMISTRY	N	60	PASS
COM0610		COMPUTER LITERACY 0610	N		ABSENT FROM EXAM
MAT2641		REAL ANALYSIS I	N	50	PASS CONDONE
MAT2642		ORDINARY DIFFERENTIAL EQUATIONS	N	68	PASS
PHY2623		ELECTRODYNAMICS	N	52	PASS
PHY2624		MODERN PHYSICS	N	69	PASS

TOTAL REGISTERED CREDITS: 0

TOTAL CREDITS PASSED: 0

2020

SUBJECT CODE	CR	SUBJECT DESCRIPTION	EXAM TYPE	FINAL MARK	RESULT DESCRIPTION
SEMESTER ONE					
CHE3520		ANALYTICAL CHEMISTRY INSTRUMENTAL TECHNIQUES	N	64	PASS
CHE3523		ADVANCED PHYSICAL CHEMISTRY 3523	N	71	PASS
PHY3521		ATOMIC AND NUCLEAR PHYSICS 3521	N	50	PASS
PHY3522		SOLID STATE PHYSICS 3522	N	64	PASS
SEMESTER TWO					
CHE3621		ADVANCED INORGANIC CHEMISTRY 3621	N	45	FAIL - SUPPLEMENTARY ALLOWED
CHE3622		ADVANCED ORGANIC CHEMISTRY 3622	N	67	PASS
PHY3623		THERMAL AND STATISTICAL PHYSICS 3623	N	60	PASS
PHY3624		QUANTUM MECHANICS 3624	N	61	PASS
SUPPLEMENTARY EXAM (DECEMBER)					
CHE3621		ADVANCED INORGANIC CHEMISTRY 3621	S	50	PASS CONDONE

TOTAL REGISTERED CREDITS: 0
MINIMUM QUAL CREDITS:

TOTAL CREDITS PASSED: 0
TOTAL CREDITS PASSED: 0

The above mentioned student formally satisfied all the requirements for the **BACHELOR OF SCIENCE** as at 01-JAN-2021 and was officially conferred to him/her on **23-JUN-2021**.



EK SERTIFISEER DAT HIÉRDIE DOKUMENT 'N WARE AFDRUK (AFSKrif) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT, VOLGENDS MY WAARNEMINGS DAAR NIE 'N WYSIGING OF VERHANDELING OP DIE OORSPRONKLIKE DOKUMENT AANGEDIEN IS NIE.	
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HANDTEKENING SIGNATURE	
PERSONLNUMMER PERSONAL NUMBER	72584831
BANG RANK	
NAAM IN DRUKSKRIF NAME IN PRINT	

K SERTIFISEER DAT HIERDIE DOOKUMET 'N WARE AFDruk (AFSKRIF) IS VAN
EEN OÖRSpronKlike DOOKUMET WAT AAN MY VlR WAARNEmING VOORGELE
IS. EK SERTIFISEER VERDER DAT VOLGEnS MY WAARNEmINGS DAAR NIE 'N
VlSIEng OF VERANBERING OF DIE OÖRSpronKlike DOOKUMET
AANGEBrING IS NIE.

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WAS NOT MADE TO THE ORIGINAL DOCUMENT.

HANDTEKENING
SIGNATURE.....

MAGSNOMMER
FORCE NUMBER.....

71751050

RANG RANK.....
Sgt

NAAM IN DRUKSKrif
NAME IN PRINT.....

M.C. 78cc



University of Venda

This is to Certify that the Degree of
BACHELOR OF SCIENCE HONOURS

was Awarded to

MUDAU PFARELO CHANNEL

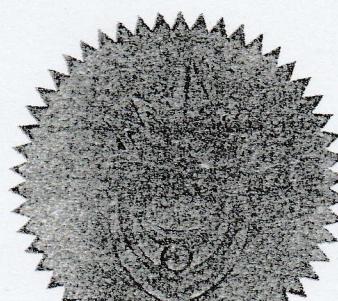
9808275442082

at a Ceremony held on the

14-Jul-2022

in Accordance with the Provisions of the
Act and Statute

Vice Chancellor


University Registrar

5003202089

2021
QUALIFICATION:
DURATION:
NQF-LEVEL:
OFFERING:

MNHSHP - BSC HONOURS IN PHYSICS
1
8
HONOURS (FIRST YEAR) FULL TIME

SUBJECT CODE	CR	SUBJECT DESCRIPTION	EXAM TYPE	FINAL MARK	RESULT DESCRIPTION
SEMESTER ONE					
PHY5121		CLASSICAL MECHANICS	N	60	PASS
PHY5122		QUANTUM MECHANICS I	N	52	PASS
PHY5123		SOLID STATE PHYSICS I	N	58	PASS
PHY5124		RENEWABLE ENERGY	N	61	PASS
SEMESTER TWO					
PHY5221		ELECTRODYNAMICS	N	78	PASS DISTINCTION
PHY5222		STATISTICAL MECHANICS	N	61	PASS
PHY5223		PROJECT	N	77	PASS DISTINCTION
HONOURS STUDENTS(JANUARY)					
PHY5227		NUCLEAR AND PARTICLE PHYSICS	N	66	PASS

TOTAL REGISTERED CREDITS: 0
MINIMUM QUA L CREDITS:

TOTAL CREDITS PASSED: 0
TOTAL CREDITS PASSED: 0

The above mentioned student formally satisfied all the requirements for the **BSC HONOURS IN PHYSICS** as at 01-JAN-2022 and it will be officially conferred to him/her on **14-JUL-2022**.

CERTIFICATE OF CONDUCT

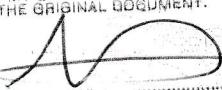
It is hereby certified that the student is/was registered for the abovementioned year/years at the University and that his/her behaviour/conduct is/was satisfactory. (In respect of students who are enrolled, this declaration is valid as at the date of issue). This document is issued without omission or change in any form.



ADV. E.N. LAMBANI
UNIVERSITY REGISTRAR

EK SERTIFISEER DAT HIERDIE POKUMENT IS 'N AREPLIK (AFSKRIF) IS VAN DIE OORSPRUNGLIKE POKUMENT WAT AAN MY VIR WAARNEMING VOORGEBLE IS. EK SERTIFISEER VERDER DAT VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSIGING OF VERANDERING OP DIE OORSPRUNGLIKE POKUMENT AANGEBRING IS NIE.

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HANDETEKENING SIGNATURE..... 

MAGSNOMMER FORCE NUMBER..... 7mo lo RANG RANK..... 57

NAAM IN DRUKSKrif NAME IN PRINT..... MC 780

SOUTH AFRICAN POLICE SERVICE
CLIENT SERVICE CENTRE
2025 -04- 16
HONEYDEW
SUID-AFRIKAANSE POLISIEDIENS

