



This is to certify that **Mr Isaiah Tafiwanashe Chiraira** was registered as detailed below:

Student ID: 2234099

Date: 10 February 2022

2019

Bachelor of Science in Engineering (Electrical) (Full-Time)

SAQA Qualification ID: 14004

Program/Course

AFRL1005A	Elementary Sesotho Language and Culture IA
CHEM1051A	Engineering Chemistry I
FEBE1000A	Introduction to the Engineering Profession
FEBE1002A	Engineering Analysis and Design IA
FEBE1004A	Engineering Analysis and Design IB
MATH1042A	Engineering Mathematics IA
MATH1043A	Engineering Mathematics IB
PHYS1032A	Engineering Physics IA
PHYS1033A	Engineering Physics IB
PHYS1034A	Applied Physics I

Year of Study 1

Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
65	C	PASS	5	18	
75	A	PASS	5	12	
70	B	PASS	5	12	
66	C	PASS	5	12	
62	C	PASS	5	12	
86	A	PASS	5	18	
86	A	PASS	5	18	
72	B	PASS	5	18	
67	C	PASS	5	18	
70	B	PASS	5	12	

OUTCOME: Permitted to proceed

2020

Bachelor of Science in Engineering (Electrical) (Full-Time)

SAQA Qualification ID: 14004

Program/Course

COMS2004A	Data Structures and Algorithms
ELEN1998A	Vacation Work I (Electrical)
ELEN2003A	Electric and Magnetic Systems
ELEN2005A	Signals and Systems I
ELEN2016A	Electronics I
ELEN2017A	Electric Circuits
ELEN2020A	Software Development I
ELEN2021A	Microprocessors
MATH2014A	Mathematics II
PHYS2007A	Physics II (Electrical)

Year of Study 2

Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
90	A	PASS	6	18	
		WINC			
83	A	PASS	6	18	
72	B	PASS	6	12	
71	B	PASS	6	16	
87	A	PASS	6	12	
76	A	PASS	6	16	
55	D	PASS	6	14	
77	A	PASS	6	33	
71	B	PASS	6	15	

OUTCOME: Permitted to proceed

2021

Bachelor of Science in Engineering (Electrical) Information (Full-Time)

SAQA Qualification ID: 14004

Year of Study 3

Program/Course

APPM3021A	Computational Mathematics
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Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
76	A	PASS	7	15	

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Program/Course	Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
ELEN1998A Vacation Work I (Electrical)			WINC			
ELEN3002A Electronics II	60	C	PASS	7	15	
ELEN3007A Probabilistic System and Signal Analysis	62	C	PASS	7	12	
ELEN3009A Software Development II	47	F	WSP1	7	18	
ELEN3009A Software Development II			PASS	7	18	SUPP EXAM
ELEN3012A Signals and Systems IIA	89	A	PASS	7	12	
ELEN3013A Signals and Systems IIB	82	A	PASS	7	9	
ELEN3015A Data and Information Management	60	C	PASS	7	18	
ELEN3016A Control I	65	C	PASS	7	18	
ELEN3017A Electrical Engineering Design	73	B	PASS	7	15	
ELEN3018A Economics of Design	73	B	PASS	7	12	
ELEN3024A Communication Fundamentals	57	D	PASS	7	12	

OUTCOME: Permitted to proceed

Scholarships:

2021

UG -UNIV COUNCIL MERIT SCHO

The student has fulfilled the requirements for a certificate of conduct

This is a digital transcript generated electronically through the Wits student self-service portal. A watermarked document can be issued from the Faculty office upon request.

*This qualification preceded the Higher Education Qualifications Framework (HEQF) and therefore the Qualification ID, the NQF level and NQF credits of programmes and courses are not displayed.

Please note that the codes reflected in the transcript may differ from those in use at the time of the original registration.

English is the language of instruction and all tuition and examinations/assessments are conducted in English.

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Any person who does so will face disciplinary proceeding in terms of the Rules and may be criminally prosecuted.