

This is to certify that **Mr. Nduvho Edward Ramashia** was registered as detailed below:

**Student ID:** 1490804

**Date:** 14 November 2022

**2016**

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

**Year of Study 1**

Program/Course	Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
CHEM1033 Chemistry I (Auxiliary) (Engineering)	42	F	FAIL			
CHEM1049 Chemistry (Auxiliary) PT	61	C	PASS			
ELEN1000 Electric Circuits	75	A	PASS			
ELEN1003 Critical Thinking	58	D	PASS			
ELEN1004 Engineering Skills and Design	60	C	PASS			
MATH1014 Mathematics I (Engineering)	52	D	PASS			
PHYS1014 Physics I	60	C	PASS			
PHYS1015 Mechanics	72	B	PASS			

OUTCOME: Permitted to proceed

**2017**

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

**Year of Study 2**

Program/Course	Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
COMS2004 Data Structures and Algorithms	38	F	FAIL			
ELEN1998 Vacation Work 1 (Electrical)			WINC			
ELEN2001 Electronics I	37	F	FAIL			
ELEN2003 Electric and Magnetic Systems	22	F	FAIL			
ELEN2004 Software Development I	20	F	FAIL			
ELEN2005 Signals and Systems I	33	F	FAIL			
ELEN2006 Microprocessors	30	F	FAIL			
MATH2014 Mathematics II			FNQL			
PHYS2007 Physics II (Electrical)	21	F	FAIL			

OUTCOME: Renewal of Registration permitted by Wits Readmissions Committee-2 with conditions



This is to certify that **Mr. Nduvho Edward Ramashia** was registered as detailed below:

**Student ID:** 1490804

**Date:** 14 November 2022

**2018**

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

**Year of Study 2**

**SAQA Qualification ID:** 14004

Transfer Date: 12 February 2018

**Program/Course**

COMS2004A	Data Structures and Algorithms
ELEN1998A	Vacation Work I (Electrical)
ELEN2001A	Electronics I
ELEN2003A	Electric and Magnetic Systems
ELEN2004A	Software Development I
ELEN2005A	Signals and Systems I
ELEN2006A	Microprocessors
MATH2014A	Mathematics II
PHYS2007A	Physics II (Electrical)

Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
		DROPPED	6		
		DROPPED			
		DROPPED	6		
		DROPPED	6		
		DROPPED	6		
		DROPPED	6		
		DROPPED	6		
		DROPPED	6		

OUTCOME: Did not meet mid-year requirements

**2020**

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

**Year of Study 2**

**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
ELEN2020A	Software Development I
ELEN2021A	Microprocessors
MATH2014A	Mathematics II
PHYS2007A	Physics II (Electrical)

Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
87	A	PASS	6	18	
		WINC			
60	C	PASS	6	18	
63	C	PASS	6	12	
58	D	PASS	6	16	
95	A	PASS	6	16	
90	A	PASS	6	14	
81	A	PASS	6	33	
82	A	PASS	6	15	

OUTCOME: Permitted to proceed



This is to certify that **Mr. Nduvho Edward Ramashia** was registered as detailed below:

**Student ID:** 1490804

**Date:** 14 November 2022

**2021**

**Bachelor of Science in Engineering (Electrical) Information (Full- Year of Study 3  
Time)**

**SAQA Qualification ID: 14004**

Program/Course	Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
APPM3021A Computational Mathematics	58	D	PASS	7	15	
ELEN1998A Vacation Work I (Electrical)			PASS			
ELEN3002A Electronics II	63	C	PASS	7	15	
ELEN3007A Probabilistic System and Signal Analysis	27	F	FAIL	7		
ELEN3009A Software Development II	60	C	PASS	7	18	
ELEN3012A Signals and Systems IIA	62	C	PASS	7	12	
ELEN3013A Signals and Systems IIB	82	A	PASS	7	9	
ELEN3015A Data and Information Management	28	F	FAIL	7		
ELEN3016A Control I	54	D	PASS	7	18	
ELEN3017A Electrical Engineering Design	69	C	PASS	7	15	
ELEN3018A Economics of Design	52	D	FCOM	7		
ELEN3024A Communication Fundamentals	10	F	FAIL	7		
150 credit points at level 1 have been granted						
154 credit points at level 2 have been granted						

OUTCOME: Must return to complete requirements for year of study

**2022**

**Bachelor of Science in Engineering (Electrical) Information (Full- Year of Study 3  
Time)**

**SAQA Qualification ID: 14004**

Program/Course	Final Marks	Result Code	Result Decision	NQF Level	NQF Credit	Exam Type
ELEN3007A Probabilistic System and Signal Analysis	***	***	***	7		
ELEN3015A Data and Information Management	***	***	***	7		
ELEN3018A Economics of Design	***	***	***	7		
ELEN3024A Communication Fundamentals	***	***	***	7		
ELEN4009A Software Engineering	***	***	***	8		
ELEN4019A Select Topics in Sociology	***	***	***	8		
ELEN4022A Full Stack Quantum Computing	***	***	***	8		

OUTCOME: \*\*\*

**Prizes & Awards:**

2020 Certificate of Merit  
2020 Certificate of Merit

ELEN2020A Software Development I  
PHYS2007A Physics II (Electrical)





This is to certify that **Mr. Nduvho Edward Ramashia** was registered as detailed below:

**Student ID:** 1490804

**Date:** 14 November 2022

**There is an outstanding fee balance on the student's record.  
Certificate of Conduct - refer to University Registrar**

---

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.

**This document may not be altered.**

Alteration to the document and its annexures in any manner/form is a contravention of the University's rules, regulations, policies, procedures and standing orders ("the Rules") and may constitute fraud.

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