

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**

CHEM1033	Chemistry I (Auxiliary) (Engineering)
CHEM1049	Chemistry (Auxiliary) PT
ELEN1000	Electric Circuits
ELEN1003	Critical Thinking
ELEN1004	Engineering Skills and Design
MATH1014	Mathematics I (Engineering)
PHYS1014	Physics I
PHYS1015	Mechanics

<b>Final Marks</b>	<b>Result Code</b>	<b>Result Decision</b>	<b>NQF Level</b>	<b>NQF Credit</b>	<b>Exam Type</b>
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42	F	FAIL
61	C	PASS
75	A	PASS
58	D	PASS
60	C	PASS
52	D	PASS
60	C	PASS
72	B	PASS

OUTCOME: Permitted to proceed

**2017**

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

**Program/Course**

COMS2004	Data Structures and Algorithms
ELEN1998	Vacation Work 1 (Electrical)
ELEN2001	Electronics I
ELEN2003	Electric and Magnetic Systems
ELEN2004	Software Development I
ELEN2005	Signals and Systems I
ELEN2006	Microprocessors
MATH2014	Mathematics II
PHYS2007	Physics II (Electrical)

**Year of Study 2**

<b>Final Marks</b>	<b>Result Code</b>	<b>Result Decision</b>	<b>NQF Level</b>	<b>NQF Credit</b>	<b>Exam Type</b>
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38	F	FAIL
		WINC
37	F	FAIL
22	F	FAIL
20	F	FAIL
33	F	FAIL
30	F	FAIL
		FNQL
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)**  
**SAQA Qualification ID: 14004**

**Year of Study 2**

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
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DROPPED	6

OUTCOME: Did not meet mid-year requirements

**2020**

**Bachelor of Science in Engineering (Electrical) (Full-Time)**  
**SAQA Qualification ID: 14004**

**Year of Study 2**

**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
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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



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**Date:** 14 November 2022

**2021**

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

**SAQA Qualification ID: 14004**

<b>Program/Course</b>	<b>Final Marks</b>	<b>Result Code</b>	<b>Result Decision</b>	<b>NQF Level</b>	<b>NQF Credit</b>	<b>Exam Type</b>
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- Time)**

**SAQA Qualification ID: 14004**

<b>Program/Course</b>	<b>Final Marks</b>	<b>Result Code</b>	<b>Result Decision</b>	<b>NQF Level</b>	<b>NQF Credit</b>	<b>Exam Type</b>
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)





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**Date:** 14 November 2022

**There is an outstanding fee balance on the student's record.**

**Certificate of Conduct - refer to University Registrar**

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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.

A handwritten signature in black ink, appearing to read "OSGSSJ".