

Application

Call	Extension Support for Masters and Doctoral Scholarships
Call Start Date	14 May 2025
Call End Date	15 August 2025
Reference	PMDS250721346062
Title	Mr
Initials	ts
Name	tshingombe tshingombe
Email	tshingombefiston@gmail.com
ID/Passport Number	tircgog0091616
Race	African
Gender	Male
Citizenship	Non-South African citizen
Organisation	South African Qualifications Authority (SAQA)
Birth Date	10 October 1982
Date Generated	15 October 2025 09:36

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CV

Personal Profile

ID/Passport Number tircgog0091616	Citizenship Status Non-South African citizen
Country Of Birth Democratic Republic of Congo	Current Country Democratic Republic of Congo
Institution South African Qualifications Authority (SAQA)	Position/Delegation engineering
Race African	Identity Type Passport Number
Gender Male	Identity Document My CV__NRF Connect orcide tshingombe.pdf
Institution Country Democratic Republic of Congo	Passport Expiry 23-Apr-2026 12:00:00 AM
Research Expertise Curriculum Policy and Management	Research Expertise Type Field of Specialisation

Qualifications/Certifications

Academic Level of Qualification Bachelors	Study Fields Energy studies
Name Of Degree/Diploma (e.g. PhD) engineering	Institution South African Qualifications Authority (SAQA)

Fulltime Yes	Distinction N/A
Date of First Registration 2024-03-14	Completed Yes
Highest Qualification Yes	Date Obtained 2025-04-11
Academic Record/Transcript Professional Resume_CV - Atlantic International University 2.pdf	

Research Expertise

Scientific Domain

Engineering

Primary Research Fields

Engineering sciences

Technologies and applied sciences

Secondary Research Fields

Electrical Engineering

Education

Information and library science

Field Of Specialisation

African environment

Additive manufacturing

Industrial and economic sociology

Analytical Environmental Chemistry

Applied Chemistry - Membrane Technology

Nanostructured materials and packaging

Materials science and Engineering

4th Industrial Revolution in the Construction Industry

Structural Geology

African oral literature

Student Supervision

Title Mr	Initials tsh
Surname tshingombe	Citizenship Status South African citizen

Race African	Gender Man
Institution South African Qualifications Authority (SAQA)	Level Honours
Name Of Degree/Diploma (e.g. PhD) tshingombe	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2023
Is Completed Yes	Year Awarded 2025

Career History

Type Permanent appointment	Position engineering electrical
Organisation engineering electrical	Sector Higher Education Sector
Is Current Yes	Appointed From 2025-04-14

Type Awards and prizes	Sector Higher Education Sector
Description saqa award degree diploma	

Type Awards and prizes	Sector Higher Education Sector
Description engineering electrical science	

Research Outputs

Summary

	2025	2024	2023	2022	2021	2020	2019	2018	2017	Total
Articles in Refereed/Peer-reviewed Journals	0	0	0	0	1	0	0	0	0	1

Articles in Refereed/Peer-reviewed Journals

Output Title
Conservative and Semismooth Derivatives are Equivalent for Semialgebraic Maps

Title of Journal Set-Valued and Variational Analysis	Authors Damek Davis, Dmitriy Drusvyatskiy
Status Published/produced	Year 2021
DOI 10.1007/s11228-021-00594-0	

Output Title
master education technology rural implentation framework

ISBN Number 520-03-123456	Title of Journal master education technology rural career thes
Volume 1900	Authors tshingombe
Status Attended	Publisher atlantic
DOI research thesist master doctoral	

Refereed/Peer-reviewed Conference Outputs

Output Title
<https://github.com/Kananga5/Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-justice>

ISBN Number 520	Contribution Title engineering ts
Proceeding Title research thesis	Authors tshingombe tshitadi
Status Attended	Country USA

Patents

Application Date 2025-04-14	Application Number 520520
Full Title engineering master doctoral	
Grant Date 2025-04-14	Grant Number 520520
Description engineering rural master doctoral	

Inventor

Poster

4.1 .12.1.Name of thesis : implementation and framework national qualification and national trade examination circulum experimental job theoretical pratical college and govern

Application Type
Continuing Application

Region
South Africa

Status
Granted

Application Date
2025-09-15

Application Number
30

Full Title

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework
Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

ABSTRACT

Grant Date
2025-09-15

Grant Number
2

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework
Qualification in Electrical Engineering

Author: Tshingombe Tshitadi Fiston

◆◆ ABSTRACT

This paper explores the intersection of career discovery, open-access learning, and credential transparency within the context of electrical engineering. It synthesizes insights from RNF (Recognition of National Frameworks), AIU (Atlantic International University), and NSF (National Science Foundation) initiatives to scaffold a transdisciplinary learning journey aligned with South Africa's National Trade Framework. The study proposes a modular, portfolio-driven approach to vocational education, integrating diagnostics, digital publishing, and global benchmarking.

◆◆ SCOPE

- Electrical engineering education across formal, informal, and open-access platforms
- Credential alignment with SAQA/NQF, WA codes, and NSF SBIR/STTR frameworks
- Integration of AIU Guest Student modules into national qualification pathways
- Use of LMS, GitHub, and Internet Archive for portfolio documentation and career mapping

◆◆ OVERVIEW

This work positions career discovery as a dynamic, data-driven process. It examines how learners can navigate trade qualifications through personalized learning paths, diagnostic assessments, and crede

Inventor

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework
Qualification in Electrical Engineering

Author: Tshingombe Tshitadi Fiston

◆◆ ABSTRACT

This paper explores the intersection of career discovery, open-access learning, and credential transparency withiRetail library collections (e.g., CNA, Shoprite) do not include modular casebooks for trade readiness and mentoring, missing a critical opportunity to democratize technical education.”

◆◆ Tips for Crafting Your Own

- Start with evidence or observation
- Define the gap or deficiency
- Highlight the impact on learners, educators, or institutions
- Point to the need for your specific solution

Would you like help drafting a custom problem statement for a specific funder or proposal section? I can also help you align it with your logic model or theory of change.

Application Type Continuing Application	Region South Africa
Status Granted	

Full Title

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA
Labour Levy, and Engineering Skill Integration

Author: Tshingombe Tshitadi Fiston

🔍 SCOPE

This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementation

Description

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration

Author: Tshingombe Tshitadi Fiston

🔍🔍 SCOPE

This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementation, and vocational engineering diagnostics to support career readiness and systemic reform in technical education.

🔍🔍 DESCRIPTION

The framework explores how security and defence-related competencies—such as safety audits, infrastructure diagnostics, and policy facilitation—can be scaffolded into credentialed engineering pathways. It includes analysis of CCMA labour levy systems, government skill development bills, and modular engineering training aligned with SAQA/NQF standards.

🔍🔍 OVERVIEW SUMMARY

- Security & Safety: Risk assessment, compliance audits, and infrastructure protection
 - Defence Facilitation: Technical support roles in public safety and emergency systems
 - Government Bill Skills: Implementation of national training mandates and levy-funded programs
 - CCMA Labour Levy: Workforce regulation, dispute resolution, and skill funding mechanisms
 - Engineering Skills: Modular diagnostics, signal processing, and infrastructure simulation
- This overview supports a transdisciplinary career model that blends policy, diagnostics, and technical education.

🔍🔍 DATA ANALYSIS

Domain Data Source Key Insights

CCMA Labour Records Dispute resolution logs Skill gaps in regulated sectors

Government Skill Bills Legislative archives Funding allocations and compliance

Safety Audit Reports Infrastructure diagnostics Risk mitigation and training needs

Engineering Training Logs LMS and GitHub CI/CD Credential mapping and skill indexing

🔍🔍 INVESTIGATION

- Field analysis of CCMA dispute cases and skill levy outcomes
- Review of government bills on vocational training and safety compliance
- Diagnostic mapping of engineering modules to public safety roles
- Integration of security protocols into LMS and credential artifacts

🔊 ADVANTAGESUIREMENTS (South Africa & UK Cont

- Career11tf discovery job trade memo lecture learn note.docx 35 MB
- Career10f discovery job trade memo lecture learn note.docx 170 KB
- HBXUmm-k.pdf 272 KB
- kzEoOz5g.pdf 215 KB
- SARAO-HCD-Diploma-in-Engineering-Technology-Scholarship-Programme-2026-Application-Guide.pdf 140 KB
- y4yEC4IC.pdf 181 KB
- Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2.docx 200 KB
- PSSPF_Complaint-Form-2025.Individual.pdf 271 KB
- pro rnf excell vba.xlsx 1.4 MB
- home affairs documents cvs-1.pdf 3.6 MB
- Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2(1).pdf 959 KB
- Ucpd tshingombe fiston(2).docx 27 KB
- Career 6 experience discovery tshingombe tshitadi.docx 35 MB
- Career9f discovery job trade memo lecture learn note.docx 161 KB
- Career11tf discovery job trade memo lecture learn note.pdf 31 MB

Application

Application Category - Extension Support

Extension Requested 6 months	Is Fulltime Student Yes
Type Of Scholarship Doctoral	

Details of Extension

Department School
Department of Industrial Engineering Technology

Date Of First Registration 2025-07-21	Discipline Engineering
Discipline Type Default	Faculty Faculty of Engineering
Reference Number PMDS250721346062	Student Number PMDS250721346062

Geographical Area

Province of Origin Gauteng	District of Origin N/A
Municipality of Origin N/A	Current Province Gauteng
Home Language English	

Original Research Plan

shingombe fiston tshingombefiston@gmail.com Thu, Apr 3, 2025 at 10:56 AM To: tshingombe fiston

tshingombefiston@gmail.com Curriculum assessment assessment Name : tshingombe tshitadi fiston

Content: Table of Contents Curriculum assessment assessment Name : tshingombe tshitadi fiston 1.1

Thesis. Degree honor, council quality rules low become justice development court and labor relations

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Progress to Date

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Reason why the study not be completed in the NRF max funding period

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Original Problem Statement

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Application Support Input

Role
Master’s Supervisor/Doctoral Supervisor (Extension Support)

Initials ts	First Name tshingombe
Surname tshingombe	Email tshingombefiston@gmail.com
Has Responded Yes	

Work plan to complete the degree within the indicated timeframes

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Attachments

Submission Document

[Proposal of thesis content. 1.pdf](#)

Attachment Document Type
Supporting Documents

Submission Document

[thesis intergation final an Curriculum assessment assessment 2 ai.u.pdf](#)

Attachment Document Type
Supporting Documents