



**VAAL UNIVERSITY
OF TECHNOLOGY**

Inspiring thought. Shaping talent.

Faculty of Engineering and Technology
Office of the Executive Dean

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CALL FOR EXPRESSION OF INTEREST

Review and Enhancement of Engineering Curricula

**Faculty of Engineering & Technology
Vaal University of Technology (VUT)**

The Faculty of Engineering & Technology (FET) at the Vaal University of Technology invites qualified external academic and industry consultants with expertise in the engineering field to express interest in supporting a strategic project to review and enhance its engineering curricula across various qualification levels.

PROJECT OVERVIEW

This initiative aims to align VUT's engineering programmes with national and international quality standards, ECSA accreditation requirements and current industry relevance, thereby strengthening academic quality, professional articulation and graduate employability.

PROJECT OBJECTIVES

- Evaluate the structure, content and relevance of current programmes at Diploma, Advanced Diploma, Extended Programme, Postgraduate Diploma (PGDip) and Masters levels.
- Ensure consistent and complete mapping of Graduate Attributes (GAs).
- Enhance articulation pathways and ensure professional registration eligibility for graduates.

SCOPE OF WORK

The project will be implemented in two phases:

Phase 1 (July – December 2025):

- Review the current mix of modules in each programme and across all engineering programmes for overlap, alignment and relevance.
- Analyse and critique the current structure and delivery models for Diploma, Advanced Diploma and Extended Engineering Programmes.
- Conduct a benchmarking exercise against similar engineering programmes at peer institutions (focus on Diploma level).
- Perform a detailed analysis and mapping of GAs across all FET programmes to ensure consistency, completeness and accreditation readiness.

Phase 2 (January - May 2026):

- Propose PGDip curriculum framework that can easily facilitate articulation into a taught master (Masters in Energy Efficiency articulation).
- Estimate the feasibility to offer a PGDip and taught Masters in Engineering Management

- Critically review the structure of the taught Masters in Energy Efficiency with a focus on improving access for Advanced Diploma graduates across engineering disciplines.
- Recommend strategies to ensure that both the PGDip and Masters programmes meet ECSA accreditation criteria for graduates to register as professional engineers.

EXPECTED DELIVERABLES

- Inception Report
- Stakeholder Consultations
- Programme Review Reports
- Module Mix and GA Mapping Reports
- Accreditation and Articulation Strategy
- Best practice benchmarking
- Final Consolidated Report and Presentation

GOVERNANCE & REPORTING

The consultants will report to the Executive Dean of FET, with oversight from the Faculty Teaching & Learning Committee and reporting to the Faculty Board.

TIMELINE & REMUNERATION

The project runs from **July 2025 to May 2026**. Payments will be milestone-based, aligned with VUT's supply chain policies.

Interested parties are invited to submit their Expression of Interest, CVs, relevant experience and a brief methodology by 30 June 2025.

For inquiries and submissions, contact:

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