



UNISA is the only publicly funded Institution in South Africa dedicated to distance education. In keeping with its mandate as a comprehensive, open and distance learning tertiary institution offering a variety of academic and career-focused programmes, the University is inviting applications for positions in the **COLLEGE OF SCIENCES, ENGINEERING AND TECHNOLOGY**.

To be considered for a position, applicants must meet all the generic requirements plus the specific requirements as stated per position. If found suitable for appointment, Unisa may offer an applicant a position at a level other than the level that was applied for. Furthermore, Unisa reserves the right to offer the applicant a contract appointment.

ACTIVITY:



TEACHING STATEMENT:

All applicants to attach a teaching statement (max 2 000 words) to their application as specified in one of the following options:

Option A: External applicants and internal applicants (from non-academic positions) – Describe how you intend to approach teaching and learning by taking into account the information in the policies listed below:

- Unisa's Tuition Policy
- Unisa's Open Distance Learning Policy
- Unisa's Assessment Policy
- Curriculum Policy
- Open Distance Learning (ODL) Pedagogy

The above mentioned Policies of UNISA can be accessed on the web using a search engine. In the event that you cannot trace the ODL Pedagogy policy finalise your teaching statement without it.

Option B: Internal applicants (from academic positions) – Explain your:

- Involvement in, or approach to, Open Distance Learning
- Approach to fostering a learner-centred approach
- Involvement in, or approach to, teaching at either undergraduate or postgraduate level
- Involvement in developing study material as an individual or in a team approach
- The extent to which you have, or would, use an electronic learning platform for teaching
- Your pass success rates in the courses you teach/taught and your plan to increase or maintain these rates
- A peer and student evaluation of your teaching
- Your involvement in and provision of learner support to students

The teaching statement must be supported by a portfolio of evidence which may be requested from short listed candidates at the interview.

ACTIVITY:



[APPLICATION FORM FOR A PERMANENT ACADEMIC POST](#)

ACTIVITY:



FOR MORE INFORMATION ON ACADEMIC POSITIONS (LEVELS) OPEN THE LINK OF THE POSITION YOU WHISH TO APPLY FOR:

[POSITION: PROFESSOR](#)

[POSITION: ASSOCIATE PROFESSOR](#)

[POSITION: SENIOR LECTURER](#)

[POSITION: LECTURER](#)

[POSITION: JUNIOR LECTURER](#)



The following positions exist in the various departments:

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF ENGINEERING
SCIENCE CAMPUS (FLORIDA)
DIRECTOR OF SCHOOL OF ENGINEERING Professor/ Associate Professor

Director of School (A candidate will be appointed in a substantive position, either as a Professor, or Associate Professor and will be seconded to the position of the Director of School) (Florida) (Ref: CSET/TM//002-2018)

Post specific requirements for **Professor/ Associate Professor**:

Unisa is the only publicly funded Higher Education Institution in South Africa dedicated to distance education. In keeping with its mandate as a Comprehensive, Open and Distance Learning (ODL) Institution offering a variety of academic and career-focused programmes, Unisa is inviting applications for the position of Chair of as indicated above.

The secondment period is for a period of 3 years.

Applicants are required to indicate in detail on their CV's to what extent their qualifications and experience meet the requirements of the post as set out below. Kindly note, applicants should include a full length CV as well as a maximum two-page summary thereof.

The Director of School would be accountable for the provision of strong academic leadership in line with the vision, mission, values, principles and codes of practice of UNISA, as well as its Strategic Plan. Through effective leadership, management, and development of the department, the achievement and maintenance of the highest possible standards of excellence in all activities of the department must be ensured. The incumbent reports directly to the Executive Dean.

Applicants are required to indicate in detail on their CV's to what extent their qualifications and experience meet the requirements of the post as set out below. Kindly note, applicants should include a full length CV as well as a maximum two-page summary thereof.

Requirements

- Academic stature, which includes the necessary profile regarding both qualifications and research outputs. A Director of a School must have a proven academic record and be acknowledged as a scholar in a field related to the disciplines and programmes in the School.
- She/he must have and demonstrate leadership and management competencies, which entail administrative competence, interpersonal, problem solving, judgment and decision-making skills.
- Applicable qualification at NQF level 10
- A minimum of five years' teaching experience in higher education institutions.
- Ability to develop a strategic vision and mission for the School.
- Knowledge of current ODeL practices including tuition and learner support.
- Knowledge and understanding of the South African Engineering landscape, including DHET, CHE, ECSA and the various professional engineering bodies
- Ability to provide innovative leadership in initiating, developing and reviewing academic programmes.
- Ability to lead and manage a diverse group of academics, Departments and Centres/Institutes in the School.
- Provide guidance, intellectual stimulus and professional leadership to CODs.
- Demonstrate competencies and skills in change management and transformation in the School.
- Proven experience in liaising with external stakeholders at national and international level.

KEY PERFORMANCE AREAS:

The key performance areas for the Director are the following:

- Participate in constructing a new ethical and servant leadership DNA for Unisa
- Develop creative and innovative approaches to transform Unisa's core business
- Establish Unisa as a leader in sound corporate governance and the promotion of sustainability
- Foster a people-centered and high performance culture through effective talent management
- Oversee effective implementation of the College and School Operational Plans

- Enhance service excellence, quality and efficiencies through effective use of technology, processes and systems in line with Unisa's organisational architecture
- Practice professional citizenship

KEY DUTIES AND RESPONSIBILITIES:

The Director is directly accountable to the Executive Dean for the School's performance, more specifically, for the following:

- giving effect to the College's operational plan
- achieving the outputs and key performance indicators
- managing the School's resources efficiently, effectively, economically and in accordance with the relevant principles and policies of Unisa
- providing the Executive Dean with such information as is required to enable the monitoring and improvement of performance
- ensuring that all aspects of the management and organisation are kept under review and ensuring that they best suit the business needs of the School
- ensuring the efficient management and administration of the School, including the effective utilisation of staff, the maintenance of discipline, the promotion of sound labour relations and affirmative action, and the proper use and care of Unisa property
- The Director, as Responsibility Manager for the School, is required to ensure that accounts are kept and financial procedures are adhered to, that the School's resources are utilised properly, effectively and efficiently within the legal boundaries, and that information requested by the Executive Dean to enable an internal audit of the School's books, is provided.
- The Director is responsible for managing the School. The Executive Dean has a right to assume that the School is being run in compliance with the law and its prescripts, and within its budget.
- The Director must participate in the policy and management structures of Unisa, and is responsible for the co-ordination and integration of the School's activities with the rest of the College and Unisa.

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF PHYSICS
SCIENCE CAMPUS (FLORIDA)
SENIOR LECTURER X2 (P7)

Senior Lecturer (X2) Physics (Ref: [CSET/TM/PHYSICS/101-2018](#))

Post specific requirements for Senior Lecturer:

- PhD in Physics.
- Research in the focus area of experimental physics in condensed matter and nanomaterials.
- Proven record of synthesis, fabrication and characterization of nanomaterials, with evidence of publications in peer-reviewed reputable scientific journals.
- Teaching experience at tertiary level.
- Postgraduate supervision or mentoring.

Recommendations:

- Teaching experience in an online environment.
- Membership of professional body / bodies.
- Evidence of device fabrication (thin films).
- Knowledge of operating at least THREE of the following equipment: DLTS, PPMS, XPS, UV-VIS-NIR, XRD, SEM, Tunable lasers, TL system, Electron Deposition System, ESR.

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF ENGINEERING
DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING
FLORIDA-SCIENCE CAMPUS (FLORIDA)
FULL PROFESSORSX2: (X1) INDUSTRIAL ENGINEERING AND (X1) MECHANICAL ENGINEERING
ASSOCIATE PROFESSOR /SENIOR LECTURER X1 : INDUSTRIAL ENGINEERING
SENIOR LECTURER/ LECTURER X2 : (X1) INDUSTRIAL ENGINEERING AND (X1) MECHANICAL ENGINEERING
LECTURER X1: INDUSTRIAL ENGINEERING
JUNIOR LECTURERX2: MECHANICAL ENGINEERING
TECHNICAL OFFICERSX1: MECHANICAL ENGINEERING**

Full Professor/ Associate Professor X1: Industrial Engineering (Ref: CSET/TM/M&I/01-2018)

Post specific requirements for Full Professor

- Full Professor/Associate Professor: A Doctoral degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA as a Professional Engineer or Engineering Technologist (if not already registered) plus experience/track record as a researcher or a professional engineer.
- Supervision of Master's and Doctoral candidates to completion
- First degree in Industrial Engineering

Field of Expertise for this position

- At least one of the following field of expertise: manufacturing systems, material handling and facility layout design, operations research, supply chain management (mathematical modelling and optimisation).
- Knowledge of ERP systems will be an advantage.

Recommendations:

- Registered Professional Engineer (PrEng) or Engineering Technologist with the Engineering Council of South Africa
- BScEng/BEng/BTech in Industrial Engineering
- Supervision of Master's or Doctoral candidates to completion
- Simulation modelling
- Have NRF rating
- Experience with teaching in an Online environment
- Any evidence of student or peer evaluation from previous institutions

Full Professor X1: Mechanical Engineering (Ref: CSET/TM/M&I/02-2018)

Post specific requirements for Full Professor

- Full Professor: A Doctoral degree in Mechanical Engineering or equivalent.
- Candidate must be registered as a Professional Engineer and must have experience/track record as a researcher or a professional engineer.
- Supervision of Master's and Doctoral candidates to completion
- First degree in Mechanical Engineering

Field of Expertise for this position

- At least one of the following field of expertise: Computational Mechanics, Computational Biomechanics, Fluid mechanics (Bio-Fluids), Experimental Mechanics (Non-linear Materials), Biomechanics (Soft and hard tissue mechanics)

Recommendations:

- Have NRF rating
- Experience with teaching in an Online environment
- BScEng/BEng in Mechanical Engineering
- Any evidence of student or peer evaluation from previous institutions

Associate Professor/ Senior Lecturer X1: Industrial Engineering (Ref: CSET/TM/M&I/03-2018)

Post specific requirements for Associate Professor

- Associate Professor: A Doctoral degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA as a Professional Engineer or Engineering Technologist (if not already registered) plus experience/track record as a researcher or a professional engineer.
- Supervision of Master's and Doctoral candidates to completion

Post specific requirements for Senior Lecturer

- Senior Lecturer: A Doctoral degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA as a Professional Engineer or Engineering Technologist (if not already registered) plus experience/track record as a researcher or a professional engineer.
OR
- Senior Lecturer: A Master degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and registration with ECSA as a Professional Engineer or Engineering Technologist plus experience/track record as a researcher or a professional engineer
- Registered for Doctorate degree and should be towards completion.
- First degree in Industrial Engineering

Field of Expertise for this position

- At least one of the following field of expertise: manufacturing systems, material handling and facility layout design, operations research, quality management supply chain management (mathematical modelling and optimisation).
- Knowledge of ERP systems will be a bonus.

Recommendations:

- A registered professional engineer (PrEng) with the Engineering Council of South Africa
- Supervision of Master's or Doctoral candidates to completion
- Have a NRF rating
- Experience with teaching in an Online environment
- Any evidence of student or peer evaluation from previous institutions

Senior Lecturer/ Lecturer (X1): Industrial Engineering (Ref: CSET/TM/M&I/04-2018)

Post specific requirements for Senior Lecturer

- Senior Lecturer: A Doctoral degree in Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA
OR
- a Master's degree in Industrial Engineering or equivalent plus registration with ECSA as a Professional Engineer or Engineering Technologist plus a commitment to register for a Doctoral degree
- Supervision of Master's and Doctoral candidates to completion
- At least one of the following field of expertise: manufacturing systems, material handling and facility layout design, operations research, supply chain, quality management (mathematical modelling and optimisation).

Post specific requirements for Lecturer

- Lecturer: A Master degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA plus a commitment to register for a Doctoral degree
OR
- A degree in Industrial Engineering or equivalent plus registration with ECSA as a Professional Engineer plus a proof of registration for a Master degree
- At least one of the following field of expertise: manufacturing systems, material handling and facility layout design, operations research, supply chain, quality management (mathematical modelling and optimisation).

Recommendations:

- A registered Professional Engineer (PrEng) with the Engineering Council of South Africa (ECSA)
- Supervision of Master's or Doctoral candidates to completion
- Have NRF rating
- Experience with teaching in an Online environment
- Any evidence of student or peer evaluation from previous institutions

Senior Lecturer/ Lecturer (X1): Mechanical Engineering (Ref: CSET/TM/M&I/05-2018)

Post specific requirements for Senior Lecturer

- Senior Lecturer: A Doctoral degree in Mechanical Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA
OR
- a Master's degree in Mechanical Engineering or equivalent plus registration with ECSA as a Professional Engineer plus a commitment to register for a Doctoral degree
- At least one of the following expertise: Solid Mechanics, Mechanical Engineering Design, Mechanical structures

Post specific requirements for Lecturer

- Lecturer: A Master degree in Mechanical Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA.
- Commitment to register with ECSA as a Professional Engineer.
OR
- A Degree in Mechanical Engineering or equivalent plus registration with ECSA as a Professional Engineer plus proof of registration for a Master's degree
- At least one of the following field of expertise: Solid Mechanics, Mechanical Engineering Design, Mechanical structures

Recommendations:

- A registered professional engineer (PrEng) with the Engineering Council of South Africa
- Supervision of Master's or Doctoral candidates to completion
- Have NRF rating or proof of application
- Experience with teaching in an Online environment
- Any evidence of student or peer evaluation from previous institutions

Lecturer (X1) Industrial Engineering (Ref: CSET/TM/M&I/06-2018)

Post specific requirements for Lecturer:

- A Master's degree in Industrial Engineering or equivalent plus eligibility in terms of qualifications and experience to register with ECSA as a professional or candidate
- OR a Bachelor's degree in Industrial Engineering or equivalent plus registration with ECSA as a Professional Engineer plus proof of registration for a Master's degree.
- At least one of the following field of expertise: manufacturing systems, material handling and facility layout design, operations research, supply chain, quality management, supply chain management (mathematical modelling and optimisation).

Recommendations:

- A registered Professional Engineer (PrEng) or Professional Engineering Technologist with the Engineering Council of South Africa (ECSA)
- Experience with teaching in an Online environment
- Knowledge of CNC programming and pneumatics

Junior Lecturer (X2) Mechanical Engineering (Ref: CSET/TM/M&I/07-2018)

Post specific requirements for Junior Lecturer:

- Junior Lecturer: A Bachelor's degree in Mechanical Engineering or a Baccalaureus Technologiae in Mechanical Engineering plus eligibility to register with ECSA as a Professional Engineer or a Professional Engineering Technologist plus proof of registration for a Master's degree.
- At least one of the following field of expertise: Thermal systems, Fluid mechanics, Solid mechanics.

Recommendations:

- A registered professional engineer (PrEng) or Engineering Technologist with the Engineering Council of South Africa
- Experience with teaching in an online environment.

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF COMPUTING
FLORIDA-SCIENCE CAMPUS (FLORIDA)
ASSOCIATE PROFESSOR /SENIOR LECTURER X2
SENIOR LECTURER/ LECTURER X4
LECTURER X5**

Associate Professor (X2): Computer Science (Ref: [CSET/TM/60-2018](#))

Post specific requirements for Associate Professor:

- A Doctorate degree or equivalent in Computer Science (**2 Positions**);
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books or book chapters in line with the Unisa Research and Innovation Policy at this level: *Six (6) accredited research output points over the previous 5 years or four (4) accredited research output points over the previous 3 years.*
- A proven record of supervision of postgraduate Masters and/or Doctoral students to completion
- Evidence of satisfactory student pass rates (where possible) in the past two years of employment at their institution
- Preference will be made to candidates with base and higher qualifications in Computer Science

Field of Expertise for this position

- We are looking for candidates who specialise in at least two of these modules: OO Programming; Parallel Programming; Networks; Theoretical Computer Science; Compiler Construction; Scientific Computing/Big Data Science; Logic-Based Reasoning/Hardware Programming; Machine Learning; Natural Language Processing; Formal Program Verification; Graphical User Interface Programming; Advanced Internet Programming; Mobile Development; Computer Security

Recommendations:

- Ability to lecture in an online environment
- NRF rating or proof of application for NRF rating will be an advantage

Senior Lecturer (X4): Computing (Ref: [CSET/TM/59-2018](#))

Post specific requirements for Senior Lecturer:

- A Doctorate degree in Computer Science (**2 positions**), Information Systems/ICT or related qualifications to the school (**2 positions**)
OR
- A Master's degree in Computer Science (**2 positions**), Information Systems/ICT or related qualifications to the school (**2 positions**) plus a proof of registration for a Doctoral degree towards completion in related qualifications to the school.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books or book chapters in line with the Unisa Research and Innovation Policy at this level: *five (5) accredited research output points over the previous 5 years or three (3) accredited research output points over the previous 3 years.*
- Must have supervised master's candidates to completion or proof of supervisory capacity
- Evidence of satisfactory student pass rates (where possible) in the past two years of employment at their institution
- Preference will be made to candidates with base and higher qualifications in Computer Science, Information systems, or Information Technology

Field of Expertise for this position

- We are looking for candidates who specialise in at least two of these modules: OO Programming; Parallel Programming; Networks; Theoretical Computer Science; Compiler Construction; Scientific Computing/Big Data Science; Logic-Based Reasoning/Hardware Programming; Machine Learning; Natural Language Processing; Formal Program Verification; Graphical User Interface Programming; Advanced Internet Programming; Mobile Development; Computer Security

Recommendations:

- Ability to lecture in an online environment

Lecturer (X5): Computing (Ref: [CSET/TM/58-2018](#))

Post specific requirements for Lecturer:

- A Master's degree in Computer Science (**2 positions**), Information Systems/ICT or related qualifications to the school (**3 positions**)
OR
- A Bachelor Honours degree in Computer Science (**2 positions**), Information Systems/ICT or related qualifications to the school (**3 positions**) plus a proof of registration for a Master's degree in related qualifications to the school.
- The candidate is expected to demonstrate the potential to engage in research and in line with the Unisa Research and Innovation Policy at this level: *two (2) accredited research output points over the previous 5 years or one (1) accredited research output point over the previous 3 years.*
- Proof of supervisory capacity
- Evidence of satisfactory student pass rates (where possible) in the past one year of employment at their institution
- Preference will be made to candidates with base qualifications in Computer Science, Information systems, or Information Technology

Field of Expertise for this position

- We are looking for candidates who specialise in at least two of these modules: OO Programming; Parallel Programming; Networks; Theoretical Computer Science; Compiler Construction; Scientific Computing/Big Data Science; Logic-Based Reasoning/Hardware Programming; Machine Learning; Natural Language Processing; Formal Program Verification; Graphical User Interface Programming; Advanced Internet Programming; Mobile Development; Computer Security

Recommendations:

- Ability to lecture in an online environment

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES
FLORIDA-SCIENCE CAMPUS (FLORIDA)
PROFESSOR
ASSOCIATE PROFESSOR
SENIOR LECTURER
LECTURER
JUNIOR LECTURER

Professor (X2) (Ref: CSET/TM/MATHS/630/P)

Post specific requirements for Professor:

- The candidate must have at least a Doctorate in Pure Mathematics (1 position) or Applied Mathematics (1 position)
- Proven research profile and consistent publication record in peer-reviewed conference proceedings or journals in line with the Unisa Research and Innovation Policy at this level: *Seven accredited research output points over the previous 5 years or five accredited research output points over the previous 3 years.*
- A proven record of supervision of postgraduate Masters and Doctoral students to completion.

Experience:

- Minimum of 5 years teaching/work/relevant experience

Recommendations:

- NRF rating or proof of application for NRF rating
- Evidence of research grants obtained or applied for
- Experience with reflexive/ODL research

Associate Professor X2 (Ref: CSET/TM/MATHS/640/AP)

Post specific requirements for Associate Professor:

- The candidate must have at least a Doctorate in Pure Mathematics (1 position) or Applied Mathematics (1 position)
- Proven research profile and consistent publication record in peer-reviewed conference proceedings or journals in line with the Unisa Research and Innovation Policy at this level: *Six accredited research output points over the previous 5 years or four accredited research output points over the previous 3 years.*
- A proven record of supervision of postgraduate Masters and Doctoral students to completion.

Experience:

- Minimum of 4 years teaching/work/relevant experience

HOW TO APPLY: See last page of advertisement

Recommendations

- NRF rating or proof of application for NRF rating
- Evidence of research grants obtained or applied for
- Experience with reflexive/ODL research

Senior Lecturer X2 (Ref: CSET/TM/MATHS/650/SL)

Post specific requirements for **Senior Lecturer**:

- The candidate must have at least a Doctorate in Pure Mathematics (2 positions)
- Proven research profile and consistent publication record in peer-reviewed conference proceedings or journals in line with the Unisa Research and Innovation Policy at this level: *Five accredited research output points over the previous 5 years, or three accredited research output points over the previous 3 years.*

Experience:

- Minimum of 3 years teaching/work/relevant experience

Recommendations:

- A proven record of supervision of postgraduate Masters and Doctoral student to completion
- Evidence of research grants obtained or applied for
- Experience with reflexive/ODL research

Lecturer X4 (Ref: CSET/TM/MATHS/660/L)

Post specific requirements for **Lecturer**:

- The candidate must have at least a Master's degree in Pure Mathematics (2 positions) or Applied Mathematics (2 positions)
- The candidate is expected to demonstrate the potential to engage in research and in line with the Unisa Research and Innovation Policy at this level: *Four accredited research output points over the previous 5 years, or two accredited research output points over the previous 3 years.*
- Proof of registration for a relevant Doctoral Degree.

Experience:

- The candidate must have relevant teaching/work experience in the higher education sector

Junior Lecturer X2 (Ref: CSET/TM/MATHS/670/JL)

Post specific requirements for **Junior Lecturer**:

- The candidate must have at least a B.Sc. Honours degree in Pure Mathematics (1 position) or Applied Mathematics (1 position)
- The candidate is expected to demonstrate the potential to engage in research and in line with the Unisa Research and Innovation Policy at this level.
- Proof of registration for a relevant Master's Degree.

Experience:

- The candidate must have relevant teaching/work experience in the higher education sector.

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND MINING ENGINEERING
X1 PROFESSOR – ELECTRICAL ENGINEERING
X2 SENIOR LECTURER – ELECTRICAL ENGINEERING
X SENIOR LECTURER/ LECTURER/ –MINING OR SURVEYING**

Professor x1: (Ref: CSET/TM/E&M/10-2018)

Post specific requirements for **Professor**:

- A Doctoral degree in Electrical Engineering or equivalent
- Candidate must be professionally registered with ECSA.
- Proven research profile and consistent publication record in peer-reviewed conference proceedings and accredited journals.

- Supervision of Masters and Doctoral candidates to completion.

Field of Expertise for this position

- Proven ability to take leadership in course/curricula design and development.
- Willingness to participate in departmental, school, college and University committees including working task teams and voluntary associations.
- Preference will be given to candidates who have specialised in Power Engineering, High Voltage Engineering, Mechatronics or or Alternative Energy.

Senior Lecturer (X2) Electrical Engineering (Ref: CSET/TM/E&M/20-2018)

Post specific requirements for Senior Lecturer:

- A Doctoral degree in Electrical Engineering or equivalent plus eligibility in terms of qualifications and experience to register professionally with ECSA.

or

- a Masters degree in Electrical Engineering or equivalent plus professional registration with ECSA
- Register for a Doctoral degree.
- Proven research profile and consistent publication record in peer-reviewed conference proceedings and accredited journals.
- Supervision of Masters or Doctoral candidates to completion

Field of Expertise for this position

- Supervision of completed Industrial and Design projects.
- Proven ability to take leadership in course/curricula design and development.
- Willingness to participate in departmental, school, college and University committees including working task teams and voluntary associations.
- Preference will be given to candidates who have specialised in Power Engineering, High Voltage Engineering, Mechatronics or Alternative Energy.

Recommendation:

- Membership of the Engineering Council of South Africa
- Membership of the South African Institute of Electrical Engineers.

Lecturer/ Junior Lecturer (X1): Mine Surveying / Mining Engineering (Ref: CSET/TM/E&M/10-2018)

Post specific requirements for Lecturer:

- a Professional Bachelor's degree in GEOMATICS or equivalent plus professional registration with SAGC

OR

- A Bachelor's degree in Mineral Resource Management plus professional registration with SAGC as Professional Mine Surveyor
- AND
- Government Certificate of Competency for Mine Surveyors;

Recommendations

- Government certificate of competency
- Experience in ODeL teaching and mining engineering laboratory & practical work will be an advantage.

Post specific requirements for Junior Lecturer:

- A Bachelor's degree in Mining Engineering or related Mining qualification at NQF level 7 or equivalent plus registration with a professional body and registered for a Master's degree.
- Preference will be given to candidates who have specialised in Mining Engineering and Mining Geology.
- Minimum of one-year experience in the South African Mining Industry will be an added advantage.

- Salary** : **Remuneration is commensurate with the seniority of the position**
- Assumption of duty** : **As soon as possible**
- Enquiries** : **Mr TA Masego – 011 670 9237**
- Closing Date** : **13 April 2018 (Deliver application before close of business at 16:00)**

Your [**APPLICATION FORM FOR A PERMANENT ACADEMIC POST**](#) must be accompanied by a COMPREHENSIVE CURRICULUM VITAE and;

- identity document (*including passport, work permit, permanent residence permit or proof of nationalisation if applicable*) (certified copies within the previous six months);
 - all educational qualifications (certified copies within the previous six months);
 - academic transcripts/records (certified copies within the previous six months);
 - proof of SAQA verification for foreign qualifications (*if applicable*) (certified copies within the previous six months)
 - **for ACADEMIC POSITIONS** a teaching statement (refer to page 1 of advertisement).
- UNISA reserves the right to authenticate all qualifications without any further consent from the applicant.
 - The contact details of three contactable references must be provided, one of which must be from your present employer excluding your current line manager if you are an internal Unisa applicant
 - **Late, incomplete and incorrect applications will not be considered.**
 - Unisa is not obliged to fill an advertised position
 - *Appointments will be made in accordance with Unisa's Employment Equity Plan and other applicable legislation.*



- **We welcome applications from Persons with Disabilities**

ACTIVITY:



- Applications must be posted to Unisa HR: College of Science, Engineering and Technology, NB Pityana Building, Room 1-23, Science Campus, P/Bag X 6, Florida, 1710.
- Hand delivered applications can be deposited into the Application Box (marked COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY) situated at Science Campus: NB Pityana Building, Office 123, 1st Floor.
- If you apply for more than one position, each application must be in a separate envelope.



- **Applications which are posted in the wrong application box will not be considered.**
- **Applications via email will not be considered.**
- **Late, incomplete and incorrect applications will not be considered.**

Correspondence will be limited to short-listed candidates only. If you have not been contacted within two months after closing date of this advertisement, please accept that your application was not successful.