

WE ARE HIRING

Faculty of Engineering and The Built Environment

Department: Mechanical Industrial and Electrical Engineering

Senior Lecturer: Mechatronics

A Doctorate (NQF Level 10) in Mechatronics, Mechanical or Electrical Engineering or a related qualification with at least six (6) years of lecturing experience at tertiary education level and/ or industry experience or an equivalent combination of relevant professional experience. Excellent English communication skills (oral and written). Proven competence in successful sourcing of research or project funding from third-party sources, successful initiation and management of research projects, curriculum development, and strong management/ organisational and mentorship skills. Competence to teach at least three of the following courses: Mechatronics Systems, Microcontroller, Embedded Systems, Sensors and Actuators, Robotics, Machine Learning and Control Systems. Competence to establish professional networks and maintain links with the industry, as well as experience in developing postgraduate programmes, strong management skills and a proven record of raising substantial research funding. A credible record of lecturing, peer-reviewed publications, community engagement, programme coordination, supervision of students (research) at both under- and post-graduate levels, sound research profile with a Google Scholar index of H-4 and the successful supervision of Master's (research) students will be an advantage.

Department: Land and Spatial Sciences

Lecturer: Geoinformation Technology (GIT)

A Master's degree (NQF Level 9) in Geoinformation Technology with at least four (4) years of lecturing and/or industrial experience and/or an equivalent combination of relevant professional experience. Excellent English communication skills (oral and written). Competence to teach at least three of the following courses: Geographic Information Systems, Land Information Systems, Geoinformation Management and Remote Sensing. Proficiency in the latest GIS software and tools, including ArcGIS Pro, ArcGIS Online and QGIS. Competence to establish professional networks and maintain links with the industry, as well as experience in developing undergraduate programmes. A credible record of lecturing, peer-reviewed publications, community engagement, supervision of students (research) undergraduate level, as well as a relevant Doctorate will be an advantage.

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