

**RESPONSE FROM CAPE PENINSULA UNIVERSITY OF TECHNOLOGY IN TERMS OF
DEFERRALS REGARDING CATEGORY B QUALIFICATIONS**

MTECOM: MASTER OF CONSTRUCTION

DATE OF RE-SUBMISSION: 24 APRIL 2015

COMMENTS RECEIVED FROM HEQC (dated 18 March 2015)

The title of the programme to be reviewed.

RESPONSE FROM INSTITUTION REGARDING QUERIES

Admission into the Programme

The 'Master of Construction' is a 100% research programme. The applicants into the programme will not only be the graduates of the Built Environment with BSc (Hons) in Architecture, Quantity Surveying, Construction Management, Construction Economics, Construction Health and Safety, and other construction related disciplines. However, the programme is designed to accommodate interdisciplinary research and will enable graduates from other acceptable disciplines and academic background, such as Civil Engineering, Mechanical Engineering, Electrical Engineering, Environmental Engineering, and Materials' Sciences to conduct 100% research in the field of construction.

Purpose of the Programme

The programme will enable graduates to simulate and apply the built environment and construction management knowledge areas, through acquisition of advanced analysis and problem solving skills within a particular specialisation and research area in construction related fields, through involvement in pure and applied research project. In addition, the qualification is to educate and train researchers who can contribute to specialised knowledge in the construction industry at an advanced level. The Masters programme will give the graduate an opportunity to develop their research specialisation further and make a new and innovative contribution to the chosen knowledge area.

Academic and Career Pathways

The name for this Masters programme has been vertically aligned to the new Bachelor of Construction within the same department that has been approved by the institutional Academic planning committee in 2014 and that will be submitted to DHET for PQM clearance in 2015. The qualification title also carries the approval of relevant stakeholders who were consulted during the re-curriculation process.

This qualification will provide access to a Doctoral degree in the field of construction. This qualification will also prepare graduates with the necessary knowledge, expertise, advanced skills, theoretical and practical competencies to occupy managerial positions within construction industry, local, provincial and national government parastatals. The programme will also prepare the graduate as consultants in the field of construction, construction contractors and financiers, property developers and project managers.

Benchmarking

The programme and naming are benchmarked with local and international Higher Education institutions of learning and Universities'. These universities currently offer postgraduate Masters (full thesis) in the Built Environment and Construction related field. Noteworthy, majority of the local universities are currently reviewing their programmes. However, TUT and NMMU offer both 'full thesis Master' and 'Master by Course work and dissertation'.

<i>Name of institution</i>	<i>Qualification title</i>
University of the Witwatersrand, SA	MSc in Building
NMMU; SA	Master of Built Environment
Bond University, Australia	Master of Construction Practice (Professional)
Auburn University, USA	Master of Building Construction (MBC)
BOSTON, MA, USA	Master of Construction
London South Bank, UK	Built Environment Studies MSc
University of California, USA	Master of Building Science
Massachusetts Institute of Technology, USA	Master of Science in Building Technology
Universiti Sains, Malaysia	MSc in Building Technology,

Other universities are:

- Queensland University of Technology, Australia;
- Delft University of Technology, The Netherlands;
- Centre for Environmental Planning and Technology, CEPT University, India;
- Indian Institute of Technology, Delhi, India.

The local Universities which were benchmarked are:

- Tshwane University of Technology (TUT);
- University of Johannesburg (UJ);
- Nelson Mandela Metropolitan University (NMMU);
- Durban University of Technology (DUT);
- Central University of Technology (CUT).
- University of the Witwatersrand, Wits

In conclusion, the qualification title of: Master of Construction, based on national and international benchmarking appears to be an acceptable qualification name and hence the institution wishes to retain this qualification title.

Kindly direct any queries pertaining to this re-submission to:

Mrs. Marianne Bester

Head: Academic Planning & Institutional Research

Academic Planning & Institutional Research

Department Institutional Planning

Tel +27 (0)21 959 6468

Fax +27 (0)21 959 6618

E-mail: BesterMa@cput.ac.za

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