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Status of PEESA aligned coursework masters programmes at DUT

The most recent revision of the Engineering Council of South Africa's Qualification *Standard for Master of Engineering: NQF Level 9* (October 2020) provides a new articulation route to the professional registration category of Professional Engineer

One of the purposes of the qualification is as follows: "A provider may elect to offer the Master of Engineering as part of a carefully curated combination of qualifications that when offered as a structured whole could be determined through a process of accreditation to meet the educational requirements for registration in the category candidate engineer".

Prior to this, graduates from a University of Technology could only be considered to have met the academic requirements for registration into the categories of Professional Technician or Professional Technologist. This new development could provide a great incentive towards attracting students into our coursework MEng programmes.

These programmes were developed before the introduction of the qualification standard outlined above. As per the purpose statement, the combination of the programmes already offered (Bachelors of Engineering Technology), and those to be offered in the near future (Bachelor of Engineering Technology Honours, and Master of Engineering) must now be aligned to the requirements for registration in the category candidate engineer. Most importantly, the proposed Masters programmes must be revised such that they meet the most recent qualification standard.

This may delay the process of submitting the programmes, for approval, to the Council for Higher Education (CHE) and the South African Qualification Authority (SAQA). In all likelihood, the magnitude of the changes required would not be such as to require resubmission to the University Senate, or to the Department of Higher Education (DHET), so any delay should be minimal. Even if the planned offering of these programmes are delayed, this will be offset by the increased enrolments into these programmes, due to the new registration category.

The main impediment to any early implementation of these programmes is the implementation dates of the preceding programmes. Although all departments in the faculty have successfully implemented their new BEngTEch, most departments are only due to offer their Honours programmes in 2022. This means that the earliest that these Master programmes could be offered, would be 2023. We remain optimistic that this goal may be met.

Master of Engineering in Mechanical Engineering

1. University Senate Approval – [Approved 14 November 2018](#)
2. Department of Higher Education PQM approval – [Approved 11 October 2019](#)
3. CHE Approval – [Not yet approved](#)
4. SAQA Approval- [Not yet approved](#)
5. Expected date of implementation. – [Earliest possible date 2023, based on the 2022 first-time offering of prerequisite Honours.](#)

Master of Engineering in Industrial Engineering

1. University Senate Approval – Approved 14 November 2018
2. Department of Higher Education PQM approval – Approved 11 October 2019
3. CHE Approval – Not yet approved
4. SAQA Approval- Not yet approved
5. Expected date of implementation. – Earliest possible date 2023, based on the 2022 first-time offering of prerequisite Honours.

Master of Engineering in Chemical Engineering

1. University Senate Approval – Approved 14 November 2018
2. Department of Higher Education PQM approval – Approved 11 October 2019
3. CHE Approval – Not yet approved
4. SAQA Approval- Not yet approved
5. Expected date of implementation. – Earliest possible date 2022, based on the 2021 first-time offering of prerequisite Honours.

Master of Engineering in Electronic and Power Engineering

1. University Senate Approval – Approved 14 November 2018
2. Department of Higher Education PQM approval – Approved 30 January 2020
3. CHE Approval – Not yet approved
4. SAQA Approval- Not yet approved
5. Expected date of implementation. – Earliest possible date 2023, based on the 2021 first-time offering of prerequisite Honours.

Master of Engineering in Construction Studies

1. University Senate Approval – Approved 14 November 2018
2. Department of Higher Education PQM approval – Approved 11 October 2019
3. CHE Approval – Not yet approved
4. SAQA Approval- Not yet approved
5. Expected date of implementation. – Earliest possible date 2023, based on the 2021 first-time offering of prerequisite Honours.

Master of Engineering in Civil Engineering

1. University Senate Approval – Approved 14 November 2018
2. Department of Higher Education PQM approval – Approved 11 October 2019
3. CHE Approval – Not yet approved
4. SAQA Approval- Not yet approved
5. Expected date of implementation. – Earliest possible date 2023, based on the 2022 first-time offering of prerequisite Honours.