

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

NDINDS: DIPLOMA IN INDUSTRIAL ENGINEERING

DATE OF RE-SUBMISSION: 24 APRIL 2015

COMMENTS RECEIVED FROM HEQC (dated 18 March 2015)

The programme appears to be significantly changed in order to align with the HEQSF. The institution should clarify what changes have been made and how these changes align with the HEQSF but do not equate to more than 50% of the programme design.

RESPONSE FROM INSTITUTION REGARDING QUERIES

The current ND: Industrial Engineering has a total of 27 subjects to graduate (Total SAQA credits of 360).

The revised Diploma consists of 15 subjects (Total SAQA credits of 360). The breakdown for the new Diploma in Industrial Engineering consists of the following subject breakdown:

Unchanged: 9 subjects = 204 credits (57%)

Modified: 5 subjects = 144 credits (40%)

Added: 1 subject = 12 credits (3%)

The number of subjects has reduced from 27 to 15 due to combining existing subjects and changing the offering from semester to a year offering but without changing the content. Also, the two in-service training modules (P1 and P2) were reduced to one 60 credit module.

See [Appendix A](#) for an explanation and more detail.

Definitions for unchanged, modified and added

For the **unchanged** subjects some subject names were changed but the content remained the same. Or some subjects might have been combined with no content change.

For the **modified** subjects these were only partially modified. In other words most of the subject content remained the same as what is currently offered but some subject content moved from one subject to another with a subsequent name change; or some obsolete content was replaced with more relevant up to date content. Although 40% was "modified", the subject content fundamentally and mostly remained the same.

Only the **"added"** subjects are completely new subjects not offered in the current programme.

Rationale for minor changes (modifications) and additions is a combination of the following;

- 1) Integrate subjects to overcome the criticism of the current programmes, viz. “subjects are offered in isolation”.
- 2) To benefit from the additional time accrued due to offering year subjects as opposed to semester subjects to allow more intervention time to assist unprepared and academically needy students.
- 3) To remove obsolete content and replace it with more relevant/pertinent information.
- 4) To allow more time for some project-based subjects where students historically battle to meet due dates.
- 5) To allow more time for practice-based learning to occur.
- 6) To increase the throughput rates, pass and decrease dropout rate without compromising on quality standards.

Careful thought and consideration was given to achieve the above.

Fundamentally, the curriculum based on programme/subject content was changed minimally.

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

Date of re-submission: 24 April 2015

APPENDIX A: NDINDS: DIPLOMA IN INDUSTRIAL ENGINEERING

[illegible]