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<b>To</b>	Te Poari Whai Kounga   Quality Alignment Board	<b>From</b>	Wayne Holmes Engineering and Applied Technology (BETMG, NZDE & NZDS)
<b>Title</b>	PAQC Quarterly Report for March - April	<b>Date</b>	2020/04/17

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## Overview

### General Committee Health Check

This committee has been working well this month in dealing with program compliance (PEP's, Monitors response etc.) along with the student issues (COG's, DEF's and Misconduct investigations).

However, timing of meetings has often meant that it has been hard to establish a quorum and hence many of the planned meetings have become e-meetings. Whilst this approach does move agenda items through the process of approvals it does negate the ability of the committee to reflect and debate the broader issues facing the programs.

Recent membership changes go some way to reducing this going forward, however we are still in the process of recruiting both student and external staff members to the committee.

### Progress against 3 (max.) key actions

This last cycle has been primarily focussed on operation activities of PEP's, degree monitoring responses and student issues for semester 1. All of which are now completed.

Unitec has been heavily involved in the NZDE to BEngTech L5/L6 alignment project at a national level and this is now largely complete ready for submission to NZBED in April.

### Priorities (3-5) for cycle

- i. Alignment Project L5/L6 courses
- ii. Maori/PI engagement in the BEngTech
- iii. Monitoring the outcomes for students of off-campus delivery of courses during lockdown.
- iv. Monitoring of actions for 'at risk students'

### Risk management

A risk analysis spreadsheet has been developed by the APM and to date no high risks or extreme risks have been identified

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## Quality Reporting

### Programme Evaluation (PEP)

The PAQC rated the PEP for BETMG overall as (good) primarily based on the following key factors

- i) Delivery, Compliance and governance is a particular strength of this program.
- ii) Areas highlighted in the monitors report for improvement within the program signalled actions to be addressed in 2020 by the program.

- ii) SCC rate and Maori engagement and participation within the program remains low, although several initiatives have begun in 2020 to support Maori and PI students along with encouraging progression from NZDE to the Degree

The PAQC rated the PEP for NZDE overall as (good) primarily based on the following key factors

- i) Delivery, Compliance and governance is a particular strength of this program.
- ii) Areas highlighted as a concern is low pass rates in nationally set exams in the first semester of the Diploma. This raised concerns over the setting of these exams and the need for Unitec to be involved in the moderation and setting of these. In addition to this the program would benefit (as we are the largest provider) if we had a larger voice in the NZBED governance (particularly in Civil).

The PAQC rated the PEP for NZDS overall as (excellent) primarily based on the following key factors

- i) Delivery, Compliance and governance is a particular strength of this program.
- ii) This program continues to be highly respected by Industry and delivers 100% employment for our graduates

### **Degree Monitoring**

The response to the 2019 Monitors report was tabled and approved by the PAQC. This report had 13 recommendations. Of the 13 recommendations 11 were agreed to and placed in the action plan, of the remaining 2

- i) 24hr access to Labs, this was deemed not possible after discussion with FM
- ii) Poster sessions for final project presentation was rejected by Civil as not logistically possible due to the large number of students, however is currently done in Electrical.

### **Programme Review**

Currently both NZBED and NZBEngTech are undertaking an alignment between the NZDE and BEngTech. Unitec is an active member of this process and it is now nearing completion. The PAQC has been following the progress of this national project.

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### **Summary Information & Compliance Overview**

The following are summaries collated and populated by TKK in collaboration with the Chair and APMs.

The PAQC noted and approved all changes of grades and recommendations from the grades approval committees for the three programs as listed below. A 14 DEF grades from 1194 in the civil majors of both BEngTech and NZDE have been discussed and expected to be resolved at the completion of 1202. All Electrical program completions were accepted however 5 Civil applications were declined, 2 of which have been requested to investigate the credit shortfall.

### **Grades**

Statistical summary of previous semester grade ratification including resolution of previous outstanding grades - *Reported via TKK tracking*

**Missing & DEF Grade Report by Course Main Prog - Details**

Is Formal Qualification: All | Reporting Year: 2015 2016 2017 2018 2019 2020

School: All | Main Prog: Multiple selections | Course Subject: All | Course Catalog: All

Missing or DEF Grade: All | Grade Code is "Blank" means missing grade

Is Māori: All | Is Pacific: All | Is Under 25: All | Select Funding: All

Student ID	Course Subject Code	Course Catalog Number	Course Name	Course End Date	Grade Count	EFTS	Grade Code	Term Code	School Name	Programme Code	Academic Organisation Code
1477925	ENGG	MG7121	Professional Engineering Practice	2/10/2019	1	0.13	DEF	1186	Building Construction	BETMG	31EG
1479317	ENGG	7101MG-SB	Engineering Developmnt Proj-SemB	11/24/2019	1	0.25	DEF	1194	Building Construction	BETMG	31EG
1495181	ENGG	7101MG-SB	Engineering Developmnt Proj-SemB	11/24/2019	1	0.25	DEF	1194	Building Construction	BETMG	31EG
1517285	ENGG	MG5004	Engineering Mathematics 1	11/24/2019	1	0.13	DEF	1194	Building Construction	BETMG	31EG
1517285	ENGG	MG5005	Engineering Design and Drawing	11/24/2019	1	0.13	DEF	1194	Building Construction	BETMG	31EG
1517285	ENGG	MG5009	Engineering Site Investigation	11/24/2019	1	0.13	DEF	1194	Building Construction	BETMG	31EG
1517285	ENGG	MG5032	Basic Structures	11/24/2019	1	0.13	DEF	1194	Building Construction	BETMG	31EG
1493641	ENGG	MG7007	Urban Transport Planning	11/24/2019	1	0.13	DEF	1194	Building Construction	BETMG	31EG
1453128	ENGG	DE4101	Engineering Fundamentals	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
1506813	ENGG	DE4103	Technical Literacy	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
1412491	ENGG	DE4201	Materials (Civil)	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
1477444	ENGG	DE4202	Land Surveying 1	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
1465764	ENGG	DE6206	Water and Waste Management	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
1484002	ENGG	DE6206	Water and Waste Management	11/24/2019	1	0.13	DEF	1194	Building Construction	NZDE	31EG
<b>Total</b>					<b>14</b>	<b>2.00</b>					

## Change of Grade



Change of Grade

## GAC 1194 Memo



1194 BETMG



1194 NZDS



1194 NZDE

## Completions

Statistical summary of Completions including Graduation confirmation and any requests for correction of errors - *Reported via TKK tracking*

Qualification	Number of Applications	Number of People Approved by Academic Board	Number of Applicants declined	Approved By
Bachelor of Engineering Technology (Civil Engineering)	55	50	5	Hugh Wilson
Bachelor of Engineering Technology (Electrical Engineering)	13	13	0	Mirjana Bogosanovic
New Zealand Diploma in Engineering (Level 6) (Civil Engineering)	23	22	1	Hugh Wilson
New Zealand Diploma in Engineering (Level 6) (Electrical Engineering)	12	12	0	Mirjana Bogosanovic
New Zealand Diploma in Surveying (Level 6)	9	8	1	Hugh Wilson

There had been 2 students with Credit Issues that Graduation suggested TKK to revise:

Student ID	Issue	Solution
1483081	Missing 15 credits to acquire 240	Cross credit not in correct articulation term
1450449	Missing 45 credits to acquire 240	Follow up email to Hugh and Edward (cc: Murali)

**Moderation**

Moderation Planning for the cycle is complete – *Reported via TKK tracking*

MOU/Contracts in place for External Moderation – *Reported via TKK tracking*

Summary of issues/or simply progress of External Moderation from last cycle – *Reported by TKK from minutes of discussions in meetings*



NZDE Moderation

**Course Evaluations (CEP)**

Completed for previous cycle - *Reported via TKK tracking*

Deployed and underway for new cycle - *Reported via TKK tracking*



School of  
Engineering\_1194\_CE

**Industry Engagement**

IAC (Industry Advisory Committee) scheduled - *Reported via School's BA*

Engagement outcomes plan in place – *Reported by APMs/Chair/HoS*

Nothing to report as of the moment.

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**Attachments**

Engineering 2020  
FACI Mentship