The Establishment of a Quality Education Development Centre in the Kingdom Of Saudi Arabia

1. Overview

- As part of a national drive within the Kingdom of Saudi Arabia (KSA) to improve educational outcomes, Jubail Technical Institute (JTI) undertook a comprehensive review of the achievement based curriculum delivered and their traditional teaching practices.

- JTI recognised their approach to educational provision should be re-focused on, and be defined by, the successful demonstrations of work-ready skills knowledge and competence of each learner.

- Recognising New Zealand was renowned for their learner centric competency-based educational practices, JTI, through PINZ, approached Wintec to help in the establishment of a Quality and Educational Development Centre (QEDC).

2. Conceptual Model: R.A.M

- Educational initiatives need to be Effective, Efficient and Replicable.

- Benchmarking provides a clear set of measurable indicators by which to evaluate an educational institution's current maturity and the impact of educational initiatives.

- Wintec recognised the appropriate use of benchmarking would help JTI:
  - Reflect on their current strengths and weaknesses in relation to the competency-based education and learner centric teaching practices.
  - Identify Action(s) that would facilitate increased JTI capacity to develop competency-based curriculum and increased capability of tutors in facilitating learner focused activities.
  - Measure and report on the impact changes would have on teaching and learning activities and administrative practices.

- Wintec initiated a reflection-action-measurement (RAM) cyclical model to encourage tutor and institutional capability in learner centric competency-based education.

![Fig. 1. The R.A.M. Reflective Model](image)

3. The Project Phases

- **Step 1:** The conceptualisation, promotion and establishment of the JTI Education and Training Excellence Centre.

- **Step 2:** The provision of training and certification in competency-based curriculum development and learner centric teaching practices for foundation staff of the centre.

- **Step 3:** The development of training modules and manuals in competency-based instruction for all JTI instructors.

- **Step 4:** The development of training modules and manuals to aid in the conversion of all JTI curricula to competency-based formats.

![Fig. 2. The ACE Conceptual Framework](image)


- The Emerging Technology Centre at Wintec has developed a conceptual model (A.C.E) based on:
  - 3 A’s Awareness, Action, Accomplishment
  - 3 C’s Context, Content, Capability
  - 3 E’s Enabled, Engaged, Empowered

- This model was used as the framework to guide the introduction of QEDC.