

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.

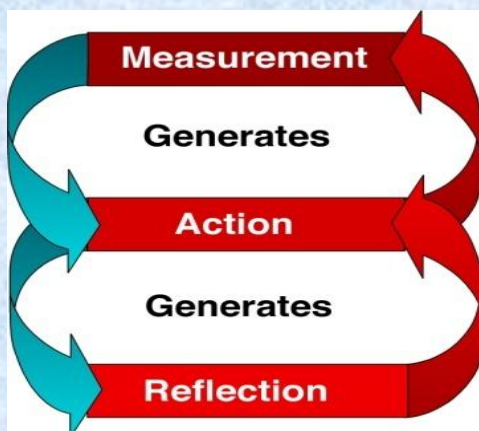


Fig. 1. The R.A.M. Reflective Model

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.

4. Framework of Development: A.C.E

- 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

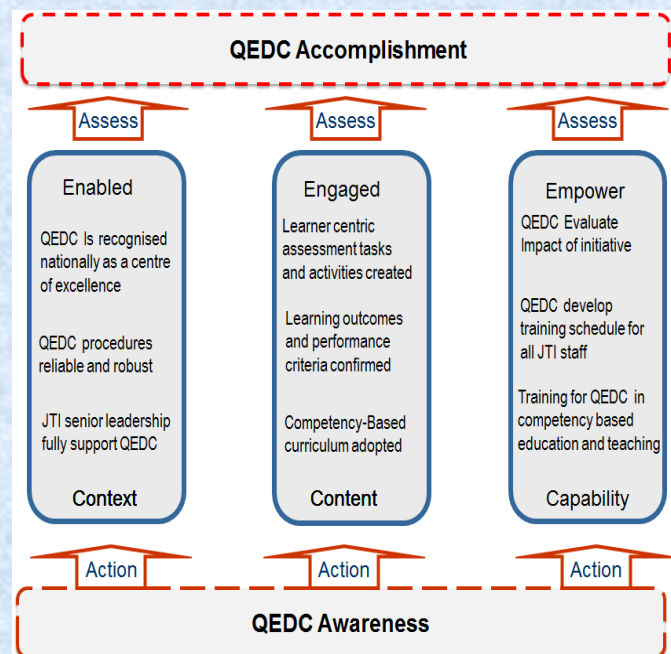


Fig. 2. The ACE Conceptual Framework