

Outcome Based Education Project at KLU's Engineering College KLCE

December 2015

Goal: To design KLU's academic programs on outcome-based approach (OBE) in order to significantly impact the overall quality of education.

Project reach: This is a university wide project at KL University.

Target audience: KLU's 2,500 to 3,500 engineering students annually across all programs and levels. To date, the Project has evaluated the impact of OBE on 10,500 engineering students on 33 bachelor's and master's programs over the last 4 academic years since 2011.

Project description

Outcome-based education (OBE) bases each part of an academic program around outcomes (goals). Outcomes are clear learning results that students have to demonstrate at the end of the program. Focus on outcomes leads to a clear understanding of what needs to be accomplished in each class, or at each level, by students and teachers allowing students to achieve the goals by the end of the program.

Recognizing the Outcome Based Education (OBE) as the most effective method of delivering learning, in 2011, KL University decided, on a Pilot Project basis, to employ the OBE to design the curriculums of four bachelor's engineering programs with 1,000 students. The subsequent year, 10 more programs were added to the Project covering 2,700 students in all.

In 2013, following a consistently and overwhelmingly positive feedback from students, alumni, faculty, and hiring managers about the compelling benefits of this method of education, the Project was scaled up to include all other undergraduate and postgraduate programs. *To date, Project OBE has impacted over 10,500 technology students on nine bachelor's programs and 24 master's programs at KLU with more than 650 faculty members in 28 departments being extensively involved in the design, development, implementation, and evaluation of the Project over eight semesters during the last four academic years.*

The large quantitative and qualitative data related to the impact analysis of the Project provide a comprehensive testimony of why the Project has been hailed as hugely successful.

Contact

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