

Executive Summary

Title of the Quality Enhancement Plan:

KU^{MATH} – Elevating Students with the Power of Math

Institution's Name:

Keiser University

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The institution's internal assessment system showed potential for improvement in the teaching and learning of math. A broad base of institutional stakeholders held the view that basic skills instruction is the preeminent challenge for Keiser University. With a successful language-based QEP (*KeiserWrites!*) having become a permanent part of campus life at the university, the selection of math as the topic was an obvious choice. A steering committee representative of diverse relevant constituencies within the university was formed, and after a thorough literature review, a plan was presented to improve the teaching and learning of math at the institution.

KU^{MATH} has one goal that is expressed through a series of eight more specific objectives. The goal is to improve the teaching and learning of math at the institution. The first four objectives are specific intended student learning outcomes in line with usual outcomes for the basic and intermediate level of math at peer institutions. The remaining objectives measure the university's efforts at expanding its capacity and strengthening its academic operations through the implementation of the QEP; these include increasing pass rates, decreasing withdrawal rates, increasing student performance on relevant nationally normed tests, increasing retention and persistence, increasing on-time graduation rates, and increasing student satisfaction with math instruction.

The implementation strategy is comprised of improving the precision of the placement process, introducing more computer software and hardware into math instruction, and capitalizing on competency-based principles that add more efficiency to math instruction and increase student access to the most important tool for learning, the instructor.

Keiser University's mission is to provide students with opportunities to develop the knowledge, understanding, and skills necessary for successful employment through quality teaching and learning in traditional and nontraditional formats and a "students first" philosophy. KU^{MATH} helps to fulfill the institution's mission and adds value to students' degree programs.