

Improving Student Performance in High-Risk Mathematics Courses

The goal of Jefferson Davis Community College's (JDCC's) Quality Enhancement Plan (QEP) is to improve student performance in high-risk mathematics courses, which include Developmental Algebra I (MTH 091), Elementary Algebra (MTH 098), Intermediate Algebra (MTH 100), and Pre Calculus Algebra (MTH 112). During the 2006-2007 academic year, 621 students were administered the COMPASS/ASSET college placement test. The percentage of students who failed to achieve the minimum cut-off scores on the COMPASS/ASSET test for placement in college credit math courses was 91 percent.

The plan focuses on two major initiatives, which are course redesign and learner support. The high-risk math courses will be redesigned to facilitate innovative and pertinent class content, leading directly to improved student learning outcomes in math classes for students at JDCC.

The second initiative, learner support, will focus on the development of a math success center, which will serve as an extension of the classroom.

Goals of the QEP are realistic, measurable and based on comprehensive analysis.

- Goal 1 Increase student performance in high-risk math courses
- Goal 2 Increase the success rate of students in high-risk math courses
- Goal 3 Increase the percentage of students who successfully complete the next level math course.

A timeline has been included for a five-year period. A budget has been proposed to cover costs necessary to implement the QEP.

The assessment plan outlines the objectives of the QEP, expected results, and means of evaluation.