

# **CISCO COLLEGE QEP: “Get into the Game: Math is not a Spectator Sport”**

## **EXECUTIVE SUMMARY**

The improvement of student learning and success in Developmental Mathematics (DE Math) is the focus of the Cisco College Quality Enhancement Plan (QEP). During the 2007-2008 development period, all Cisco College constituencies were challenged to discuss the institution’s unique traits and identify areas of greatest need. In combination with internal research and data collection, this year-long process resulted in the identification of a topic for the Cisco College QEP. During the 2008-2009 academic year, further research, analysis of data and in-depth investigation of potential strategies produced a plan that reflects the mission of the institution and addresses the needs of its students.

The over-arching QEP goal for Cisco College is: “To improve student success in developmental mathematics courses at Cisco College through the facilitation of student engagement.” In order to guide the college towards this goal, smaller, more measurable goals and student learning outcomes have been identified and a comprehensive plan of strategies has been developed.

The three primary strategies are an increase in contact and credit hours for all DE Math courses, the implementation of a mandatory lab for all students enrolled in DE Math, and increased focus on professional development for all DE Math faculty. Using these strategies, Cisco College expects to improve student abilities in math and increase overall student understanding and learning in this discipline.

A rigorous assessment plan for the QEP project has also been developed. Assessing each strategy, assessing the process, and assessing student performance within each course, as well as throughout the entire three-course DE Math sequence, will allow for appropriate evaluation of the QEP. As the QEP progresses, the assessment of student success in matriculation into college-level math courses will also be vital to the overall evaluation of the QEP’s effectiveness.

Cisco College, as a community of learners, has taken advantage of the Quality Enhancement Plan to positively affect the overall student educational experience for years to come. Cisco College is excited about the opportunity to proceed with this project to promote improved learning in mathematics.