

DCCCD Incentive Funding Retention Awards Executive Summary

SEED AWARDS:

***My Math Lab* Expansion of DMAT Course and Faculty Training**

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Collaboration: BHC and CVC

Award Amount: \$20,000 Award Period: 3 semesters

Brookhaven College Mathematics began experimenting with the integration of *My Math Lab* interactive software in some of the traditional on-campus DMAT courses in Fall 2007. Community colleges throughout the nation have successfully enveloped this instructional technology into their developmental math curricula. All of the online courses currently require *My Math Lab*.

Planning funds are requested to implement this retention effort for the 2009-2010 academic year. The collaborative partner, Cedar Valley College Mathematics has been incorporating *My Math Lab* in their developmental courses for several years and will be participating in this pilot as an evaluator and mentor. The CVC faculty will also benefit from the proposed training program described below.

My Math Lab (MML) is a web-based, publisher-created instructional system using the Blackboard platform, familiar to DCCCD as *eCampus*. It is aligned to the textbooks used at BHC, through Pearson Publishing and Course Compass TM. The system includes the online textbook, video lectures segments, "looping" homework exercises, the ability to create quizzes and tests, and do student performance monitoring. For an online class, all of these options would be used. Students pay an access code fee of approximately \$55, which includes the online textbook. For an on-campus course, the student has access to these tools, but is only required to submit homework, some self-evaluating quizzes and practice tests. Experience shows that most DMAT students do not complete homework on a regular basis and do not complete content areas before proceeding to the next topic. Faculty and tutors are not able to provide the immediate, one-on-one feedback necessary for students to know that they are "getting it." The interactive homework provides guided instruction and immediate feedback response as well as "looping" similar problems for additional practice. The technology is user friendly, interactive and flexible.