

DCCCD Incentive Funding Retention Awards Executive Summary

SEED AWARDS:

Developmental Mathematics Interactive Multimedia Orientation and Success Modules

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Award Amount: \$48,341 Award Period: 4 semesters

The goal of this retention incentive award proposal is to create two powerful interactive multimedia information tools for new students so that they will understand everything they need to know to participate successfully in math learning. The four modules developed will cover assessment testing, registering for math classes, being a successful math learner, and reasons for studying mathematics. Although designed for students, the modules will also be used to train academic advisors so that they have all the information they need to advise developmental math learners, to train tutors so they understand how students are placed in math classes, and explain the various instructional formats provided by the college.

The first product will contain an orientation and a registration module, which will be provided to students upon admission to the college, or at least when a student first discusses assessment testing with an academic advisor. These modules will cover assessment testing and registering for a developmental math course. Students will be able to take a practice Accuplacer Test and assess their attitudes about math learning. The second product will contain two interactive multimedia modules that address how to be a successful math learner and the reasons why math learning is important. It will be provided to students through their developmental math class, through eCampus, on RLC and NLC web sites, and through the new Center for Success in Mathematics at Richland.

To retain DMAT learners and increase the likelihood that they will be successful, there is a need to increase the amount of information provided and to do so in a way that engages students. Boring PowerPoint slides will not capture students' attention. Therefore, the modules will be interactive, highly engaging, and available in a variety of formats, including DVD, CD-ROM, and on the web.