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**Improvement of Access in Science and Mathematics for Educationally Disadvantaged Students**

Through the Student Success in Science and Mathematics course, this project proposes addressing educationally disadvantaged students’ special needs in math and science by adapting Golden West College's student success course. Educationally disadvantaged students often lack the learning skills needed to succeed in college and fail to complete their educational objectives.

The grant's goals are to provide special training for math and science faculty to better teach educationally disadvantaged students, provide student and instructor electronic mail training and use, reinforce students' learning skills, and develop a unique success course model for use by other community colleges.

Application objectives are to research, present and utilize current successful teaching and learning strategies, especially for educationally disadvantaged students; adapt and apply these strategies in the new course; and develop a success course model.

Activities include determining outside-the-classroom factors which influence student choices and success, identifying essential math and science learning skills, getting college approvals for the Student Success in Science and Mathematics course, pilot testing it, revising as necessary, conducting longitudinal studies on the students, and disseminating to other California community colleges.

If funded, the products of this grant will initially impact 30 students the first year at Golden West but several hundreds of students at other community colleges which adopt the model. Golden West College has offered a student success course since 1988. Golden West's commitment to disadvantaged students is high; the potential for continued institutional support is excellent. Project coordinators will disseminate the student success model through workshops, materials, and computer disks.