COMPUTER-BASED INTERACTIVE MATH COURSES - THE GUAM EXPERIENCE
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The island of Guam is a U.S. unincorporated territory in the Western Pacific Rim. Guam is the largest and most heavily inhabited of the Marianas Islands with a population of 146,000. With 85% to 90% of college students forced to take remedial math, clearly, students in this region are mathematically challenged. To counter this problem, the Guam Community College introduced interactive multimedia computer-based learning system into their math courses. This study presents a survey result regarding students' attitudes towards interactive computer based math course. The sample for the study was the students enrolled in computer-based math courses at the level of ranging from Basic Math to Precalculus. Data collection spanned two semesters in 1999. Sixty-nine students participated in the study. Data analysis shows that students were overwhelmingly positive towards computer-based interactive math courses and interactive multimedia learning system.

EXPERIENCES IN TEACHING AN ASYNCHRONOUS WEB-ENABLED COURSE TO A DIVERSE STUDENT
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This paper describes a transition course in the C++ programming language aimed at transfer students and students with associate's degrees who wish to obtain an undergraduate or graduate degree in Computer Science. Because of the diversity of background of students entering the university, an adaptive web-enabled presentation of material was chosen. The instructor defines a course of study that links educational objectives to course material stored in a database and indexed by subject matter, media type, difficulty level and background. A given subject area may be covered by several explanations each appealing to a different level of prior experience, preferred mode of delivery, background and previous retrievals in the data base. Experience to date has shown there is a need to support a diverse student population. Of the 19 students taking this course, only 1 or 2 could be considered "traditional" students.