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The genesis of a mathematics learning community from a mathematics tutorial center.

Although the Mathematics Lab has been in existence at Athens State university for several years, perpetual alterations to the program that have been implemented since the spring semester of 2009 have spawned the development of a mathematics learning community. Each semester the Mathematics and Programming Lab undergraduate staff members host hundreds of visits from students majoring in a variety of disciplines who either need assistance with their undergraduate mathematics courses ranging from liberal arts mathematics through junior level mathematics courses, and more recently students who, since the summer of 2011, require assistance with elementary computer programming. Planning, development, evaluation, efficacious and periodic self-study, recruiting and meaningful orientation, and effective advertisement are some factors among others which have made the Mathematics and Programming Lab a success over the last several years and have likewise encouraged the development and augmentation of successful mathematics communities. The atmosphere and service provided by the Mathematics and Programming Lab have attracted numerous mathematics and mathematics education majors and provided them with a centrally unique area of cooperative learning, sharing of ideas and study. (Received June 10, 2013)