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**Kazem Mahdavi\*** ([kazem\\_Mahdavi@uttyler.edu](mailto:kazem_Mahdavi@uttyler.edu)), Dept. of Computer Science, RBN 3007, UT Tyler, Tyler, TX 75799. *A 2-week summer camp.*

We received a grant from Texas Higher Education Coordinating Board to conduct a two-week summer camp at the University of Texas at Tyler, for entering freshmen in STEM fields. In this paper we will discuss this two-week summer camp and its impact.

In the morning the participating students focused on learning mathematics, and in the afternoon the student participants got familiarized with the application of mathematics in sciences and engineering. There were seven faculty members involved with this grant, as well as eight teaching assistants. The participant students received a \$2,000 scholarship that was provided through another university grant with a different PI.

We aimed at using Clarence F. Stephens' method of teaching. We involved students in learning and experimenting, while providing a humanistic atmosphere for them to learn and interact with different faculty members. We provided free dorm and food for the students. This helped the students to interact more with the teaching assistants and the faculty involved. This will help the to become part of mathematics, science, and engineering community. (Received September 08, 2010)