

Engineering Team
Project 1



**Excellent
Award**
SEFMD 2009-10

Title: Engineering & Food Service

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IT/STEM Tools Used: **SCORBOT ROBOTS** and ACL robotics programming
Language

Project Overview: Robots are used in industry, food service and health care. The first robots were used for was to assemble machines, but there weren't many things for them to build. Robots haven't been very successful in the field of food services because the tasks they must perform require robots to be more sophisticated than in an industry setting. However, many hospitals use robots to do tasks like delivering food trays to patients and carrying records and supplies, such as medicine and toilet paper. Robots can also be used in the fast food industry for tasks such as flipping burgers on the grill and placing them on the bun. Having robots do these basic tasks saves employees time. For our project, we used the robots to distribute silverware. We chose this because it would provide a needed service for dispensing silverware in the fast food industry. For example, if you are running your own food kitchen for the needy and you are busy making the food, then robots can just distribute the silverware to the people as they walk past with their food.