2012 Engineering Summer Camp

Engineering Summer Camp is a two-week residential camp held at the Department of Electrical and Computer Engineering and is associated with the Center for Science and Mathematics Education. This year, several faculty members, staff, and graduate students from our Department served as an instructor including Dr. Mónica F. Bugallo, Mr. Shishir Das, Ms. Li Geng, Mr. Tony Olivo, Dr. Emre Salman, Mr. Scott Tierno, Dr. David Westerfeld, and Mr. Yunlong Wang. The primary goal is to introduce motivated high school students to the fields of electrical and computer engineering through theoretical classes and hands-on projects. The students also have an opportunity to learn and experience the university campus life. Examples of electrical engineering activities include building a sonar system, an AM receiver, a fiber optic communication link, a line following robot, an ambient temperature monitoring system, and a vision clock. As part of the extracurricular activities, the Stony Brook Career Center offers a two-day working luncheon where students learn how to build a successful college resume and practice presentation skills. During the final day, a fair is organized where the students exhibit the prototype gadgets that they have built to other instructors, visitors and members of the campus community. At the end of the day, a closing awards ceremony concludes the camp. This year’s the Engineering Summer Camp is partially sponsored by National Grid and IEEE Circuits and Systems Society. For more information, please visit
