

# ROBOTICS

## Summer Camp July 30- August 4



### A TYPICAL DAY AT CAMP

#### INCLUDES:

- Interesting electrical and computer engineering sessions each morning and afternoon, and their application to your robot
- Hands-on robot building, programming, and utilization facilitated by TCNJ faculty and students
- Site visits to facilities where state of the art electronic and computer technology is being developed
- A prominent guest speaker from the Electronics/Computer Industry
- Fun evening activities

High school students are invited to apply for an intensive summer Robotics Camp offered by the Department of Electrical and Computer Engineering at The College of New Jersey (TCNJ), and sponsored by the Institute of Electrical and Electronics Engineers (IEEE) and the Association for Computing Machinery (ACM).

The intent of the camp is to motivate the most creative minds of a new generation of prospective Electrical and Computer Engineers to become global leaders in an increasingly technological world. The program aims to create a community of students who participate in and contribute to an intensive and powerful academic experience delivered by distinguished educators and professionals.

Camp participants will be introduced through a residential College academic experience to the exciting field of Electrical and Computer Engineering, and will learn topics not traditionally taught in High Schools such as Microcontroller Programming, Sensing Systems, Digital Electronics, and more.

### WHO SHOULD APPLY?

Eligible camp participants are high school students who rank at the top 30% of their class, have an interest in engineering, and have successfully completed one year of college prep mathematics (preference will be given to those who have completed algebra).

**APPLICATION DEADLINE: MAY 15<sup>th</sup> 2017**

FOR MORE INFORMATION, VISIT OUR WEBSITE:

<http://www.tcnj.edu/~eceng/robotics>