



WITH



**ANNOUNCE THEIR 2012 EASTERN NORTH CAROLINA
SUMMER MIDDLE SCHOOL ENGINEERING CAMP**

**Craven Community College, Havelock
June 25–29**

Rising 7th, 8th and 9th graders

The N.C. State College of Engineering and Craven Community College will offer an exciting, weeklong summer day camp this June for middle school students (rising seventh-, eighth- and ninth-graders) at the Havelock Campus of Craven Community College.

The camp will provide students a fun and positive glimpse into various fields of engineering by using hands-on, creative investigations and real-world building activities. Throughout the week, students will be divided into design teams led by local middle school teachers. With their teams, students will be given the challenge to individually design and build various devices such as a solar boat, power-generating windmill, heart valve, robotic arm, glider, solar car, crane, gravity crash-safe car, alternative energy city and a speaker. Students also learn programming fundamentals by programming Lego NXT robots.

On the final day of camp, students will spend the morning working on final design challenges that incorporate many of the concepts from the camp's weekly activities. Students will demonstrate their work in a public design competition. Families and the community are invited to attend this final competition on Friday afternoon.

Cost for the camp is \$250 per student. Scholarships may be available for students with demonstrated financial need.

The application process will be open until **April 17**. To apply, go to www.engr.ncsu.edu/mes and follow the "Explore" link for the Havelock Middle School Camp.

For more information, contact Bill Fortney or Susan Lloyd at (252) 444-3357 or wbfortne@ncsu.edu