Come experience Electrical Engineering in robotics and circuit design. The University of Toledo is offering an exciting one-day workshop for current high school students who graduate in 2017 or 2018 interested in exploring the field of electrical engineering. Professors and students will be available to guide you through the lab sessions and give in-depth knowledge of each area. Parents are welcome and strongly encouraged to attend the morning session until 10:30am. A list of local activities will be emailed after registration for parents to participate in the remainder of the day while the students are experiencing the engineering labs.

**Lab Experience #1**, you will explore the world of robots and sensors, specifically wiring LEDs, photo and touch sensors to a robot and then programming it to respond to the various sensor signals.

**Lab Experience #2** you will experience hands-on circuit development and become familiar with engineering lab equipment to better understand circuit properties and hardware applications.

**NO robotic or circuit experience is necessary to participate.**

The agenda for the day is as follows:

8:30 – 9:00 a.m. Check-in  
9:00 – 10:15 a.m. Overview of Electrical Engineering  
10:15– 12:15 p.m. Lab #1: Robotics (LEGO Mindstorms®)  
12:15 – 1:00 p.m. Lunch  
1:00 – 3:00 p.m. Lab #2: Circuit Development  
3:00 – 3:15 p.m. Closing Remarks with Q & A Session

Registration deadline is Wednesday, July 13th. Cost to attend is $25 for each student that includes food, lab materials, and a drawstring backpack. Space is limited and applications will be accepted on a first come first serve basis. **Apply soon, this workshop will fill to max capacity.** Click this link below to apply:

Directions: [https://www.eng.utoledo.edu/coe/about_the_college/maps_and_directions/pdfs/directions.pdf](https://www.eng.utoledo.edu/coe/about_the_college/maps_and_directions/pdfs/directions.pdf)

Hurry, space is limited and applications will be accepted on a first-come, first-served basis.
Cost to attend is 25$. Please have check to us 3 days prior to workshop.

Mailing Address:
University of Toledo
College of Engineering
1610 N. Westwood Ave.
Mail Stop 311
Nitschke Hall RM 1045
Toledo, Oh. 43606
Attn: Rob Rieske

Email me with any questions you have. ROB.RIESKE@utoledo.edu. We look forward to seeing you this summer!

Sincerely,

Rob Rieske