Electric Workshop, State 4-H

June 12 - 14, 2015
Purdue University

Event Note: Registration begins at 4-5 PM Depart Noon on Sunday

The 4-H Electric Workshop is designed to provide youth with an opportunity to explore, through hands-on learning experiences, the principles associated with electric wiring and electronic construction. The workshop is divided into two divisions: beginning and advanced. The beginning workshop is for youth (middle and high school-aged) with some knowledge of electricity and/or electronics who are interested in:

1. Wiring (hands-on) switches and receptacles, both two and three-way.
2. Constructing an electronic "decision maker."
3. Constructing, as a member of a team, the loudest electronic sound producing device using various supplies provided.
4. Constructing a magnetic flashlight using off the shelf items.

The advanced workshop is for youth (8th to 12th grade) who are interested in learning about robotics, especially the electronics and programmatic aspects of robotics. Youth will work in teams to solve challenges using a programmable robot.

Instructions:
Electric division III or above. Beginning workshop limited to 50 participants. Advanced workshop limited to 20 participants.

Forms:
Electric/Electronics Workshop 12 (currently unavailable)
Electric/Electronics Workshop Delegate form (currently unavailable)
2013 Workshop Flyer (currently unavailable)

Electric Workshop Promotional Video