

# Ag Mechanics Team Activity Scoring

**Teams will be given a problem or scenario:**

**Example:** An electric motor is needed to power a shop fan. The motor will need to come on when the temperature exceeds 70 degrees. The motor will be required to run for 2.5 hours. Design and construct the electric motor control circuit. A motor will be available for reference.

- Team will have to draw the wiring diagram for the system
- Team will select control devices to reach objectives
- Team will construct control circuit that meets NEC Codes
- Team will answer written questions dealing with control circuits

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The team scoring will be broken down as follows:

## **Teamwork Process: 40pts**

Communication between team members	10
Work Distribution	20
Time Management	10

## **Finished Product: 60pts**

Design of Finished Product	20
Construction of Finished Product	30
Team Written Report	10

**Total for activity 100 pts**