

# TechFest 2017 Competitive Event Playbook

**Competition Title:** Cybersecurity Awareness

**Competition Sponsor:** Franklin Electric

**Competition Summary:** Teams of up to four students will work collaboratively to simulate a Red Team Penetration/Footprinting event. They will be discovering information and answer questions within the allotted time.

**Competition Details:** Each team will be a laptop connected to a VM Network. Using tools from the machines teams will probe the network to answer questions presented to them. Each team will be given five or more challenges having a different point value based on difficulty. All questions will be based on a quick demonstration and the lessons from Hacker Highschool developed by ISECOM – <http://hackerhighschool.org/lessons.html>

**School Points Awarded for Gold, Silver, Bronze:** 5,000, 3,000, 1,000 points, respectively

**Scoring Rubric:** Each team will be given 5 or more challenges each challenge having a different point value based on difficulty. The team who scores the most will be ranked 1st thru 3rd. Any tie will be judged based on time each team took to complete the challenge.

**Materials/Supplies Supplied:** All equipment will be provided

**Pre-Work Possible (not required):** Check out [hackerhighschool.org](http://hackerhighschool.org) and read up a little on some of the tools you will use in the event: nmap, mimikatz, and Metasploit