

# Engineering Technology Design

**CHAIR:** Paul Yncera, Textron

**CO-CHAIR:** Paul Hanna

**CONTEST DATE:** April 30, 2020

**CONTEST LOCATION:** Fairgrounds: Encampment Dillon Hall, and  
Front West Office for Presentations

**CONTEST TIME:** 8:00 am

**PURPOSE:** To recognize an outstanding engineering design project that has been developed by a three-member team of engineering or technology students. The student team will present its innovation idea along with a storyboard, a design prototype and engineering notebook.

**ELIGIBILITY:** Team of three. Open to active SkillsUSA members enrolled in a career and technical education engineering program or a curriculum that integrates engineering/pre-engineering concepts and techniques as an integral component of the instructional strategies.

**CLOTHING REQUIREMENT:** Official blazer or jacket, black dress slacks (or black knee-length skirt for women), white dress shirt, plain black tie for men, black socks (or black sheer or skin-tone seamless hose for women) and black dress shoes.

Official SkillsUSA attire



**CONTEST UPDATES:**

- Engineering Design Projects will not be assigned at the time of competition. Design prototypes are supplied by the contestant team.
- Submit a hardcopy of your resume to the contest chair prior to prototype assembly/set-up
- Clarification of duration – current contest rules state “....oral explanation and presentation, which lasts no longer than 30 minutes....”
  - The intended use of the 30 minutes is as follows:
    - 10 minutes for setup – plugin, power-up, etc (ESTIMATED)
    - 10 minutes for actual presentation, (**TIMED**)
    - 10 minutes questions and answers (ESTIMATED)
- Please exercise caution as prototypes shall not set off any type of indoor alarm, i.e. fire alarms.