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# OFFICIAL RULES FOR THE 2024 TULSA ENGINEERING CHALLENGE

## EXTREME ENGINEERING CHALLENGE

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### OBJECTIVE

Design, build and test a design given a problem, materials, and specifications provided to the contestant(s) the day of the event.

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### DESIGN STATEMENT

Each team will design, build, and test a design the day of the competition. None of the participants will know what the problem is until they walk up to the contest the day of the event.

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### MATERIAL SPECIFICATIONS

Will be provided the day of the event. Only materials provided by the judges are authorized.

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### CONSTRUCTION SPECIFICATIONS

Will be provided the day of the event.

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### COMPETITION SPECIFICATIONS

The Competition will run continuously during the Challenge between 8:30 a.m. and 11:30 a.m.

**ALL COMPETITORS COMPETING FOR PRIZES WILL HAVE PRE-REGISTERED.**

**NO WALK UPS WILL BE ALLOWED TO COMPETE FOR PRIZES, BUT IF MATERIALS ARE AVAILABLE, WALKUPS MAY PARTICIPATE AND BE GRADED.**

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### JUDGING AND SCORING

Rubrics will be given to the students and teachers the day of the event.

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## GENERAL

The contest is limited to four (4) entries per division per school. Each entry may be an individual or a team project of not more than two students. The team members must all be part of the same division. For example, an 8<sup>th</sup> grader may not compete with a 10<sup>th</sup> grader in the Upper Division.

**Registration will be done via the TECh web page which can be accessed through [www.tulsaengineer.org](http://www.tulsaengineer.org). Questions? E-mail: [tulsatechchallenge@gmail.com](mailto:tulsatechchallenge@gmail.com)**

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## PRIZES

Prizes will be awarded for three divisions as follows: Upper Division (9<sup>th</sup> thru 12<sup>th</sup>), Middle Division (7<sup>th</sup> thru 8<sup>th</sup>), and Lower Division (6<sup>th</sup> grade and under). In the event of a tie, prizes will be equally distributed between winning entries.

First Place:                      \$50 cash and \$25 cash for their classroom.

Second Place:                    \$40 cash and \$25 cash for their classroom.

Third Place:                      \$25 cash and \$25 cash for their classroom.

Any cash prizes will be awarded by a bank check and issued to the teacher/school listed on the registration to be cashed and distributed to the winning student(s). We will mail a check to the address listed on the registration within a few weeks of the competition. If you do not receive your prize or certificates within a few weeks, please email [info@tulsaengineer.org](mailto:info@tulsaengineer.org) with your team name, school, and competition won.

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