OFFICIAL RULES FOR THE

2024 TULSA ENGINEERING CHALLENGE

Theme – Welcome to the Future!

Engineers Are Shaping the Future

Digital Poster Design Competition

FOREWORD

Each team planning to attend the Tulsa Engineering Challenge (TECh) MUST complete the TECh Pre-Registration process. No Walk ups will be allowed.

Prizes will be awarded only to entries from registered schools (entries from unregistered schools will NOT be eligible for awards).

DESIGN STATEMENT AND OBJECTIVE

Design a poster, digitally, that promotes the theme **Welcome to the Future!** Engineers play a vital role in innovating solutions to global challenges that impact future generations. By working together to develop new technologies, products and opportunities, engineers create new possibilities that make the world a better place. Let's inspire the next generation by celebrating all the ways engineers Create the Future!

Consider these Design Principles: Balance, Hierarchy, Pattern, Rhythm, Space, Proportion, Emphasis, Movement, Contrast and Unity. Use drawings, painting, illustrations, photographs, typography, letters, colors, shapes, lines and more in your design.

The key is to **communicate** the **theme**, "Welcome to the Future", in a unique, creative way using the above design principles and elements.

Use a digital editing program to create your final poster design, such as Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Windows Paint, Sketch, or any other photo / graphics editing computer program.

CRITERIA

The poster should be designed at 8.5 inches x 11 inches.

The digital file should be saved as a JPEG or PDF. This file should be emailed with a completed Registration Form to tulsatechchallenge@gmail.com. The deadline to submit a poster and form is **Friday, March 1, 2024.** Late entries will NOT be accepted for scoring.

A printout of the poster must be submitted to the judges early the morning of the Tulsa Engineering Challenge, **Friday, March 8** to complete the entry. The poster should be printed on regular copy

paper or card stock and should be 8.5" x 11". The winning entry will become the permanent property of the Tulsa Engineering Challenge. All digital poster files will become the property of the Tulsa Engineering Challenge and may be used in future promotions.

ELIGIBILITY

Each team planning to attend the Tulsa Engineering Challenge (TECh) must complete the TECh Poster Design registration form.

The contest is limited to four entries per division per school. An entry may be an individual or a team of two to four students.

PROCEDURE, JUDGING & SCORING

Judging of the posters will be based on a scale of 1-100 (100 being the best possible score). There will be 5 separate areas to score in: Design Principles, Theme, Creativity, Guidelines, and Presentation.

20 points – Design Principles

- How well are the design principles expressed in the poster design?
- Are several of the following expressed in the poster: Balance, Hierarchy, Pattern, Rhythm, Space, Proportion, Emphasis, Movement, Contrast and Unity?

20 points – Theme

- How well does the poster capture the theme of "Welcome to the Future"?
- What is the student using to represent this theme?

20 points – Creativity

- How is the poster creative?
- Does it copy another's design?

20 points – Guidelines

- How well did the student follow the criteria/guidelines in the poster design?
- Did they use a digital graphics program to create the poster?
- Is it the right size? (8.5 in. x 11 in.)
- Was the digital file sent in the correct format (JPG or PDF) before the deadline (Friday, March 8)?

20 points – Presentation

- Did the student use care in printing and preparing the poster?
- How is the craftsmanship of the poste?
- Is it cleanly presented? (No glue marks, rips, tears of the poster.)

Disqualification

The digital design must be original, and should not have been submitted in a prior year. In the event that a project does not reach the stated goal, is in violation of the rules, or is successfully challenged by another team, the project will be disqualified and not scored. Every effort will be made to notify the team of disqualification before the end of the day; however, this may not

always be possible. The judges reserve the right to disqualify a project after review. The decision of the judges, during all phases of the competition, is FINAL.

GENERAL

The contest is limited to four (4) entries per division per school. Each entry may be an individual or a team project of two to four students. It is recommended that the bigger participation schools stage run-off competitions on their home campus to select the "varsity teams" to compete at TECh if they have more than 4 potential entries. The entries will become the property of the Tulsa Engineering Challenge and may be used for marketing purposes.

Registration will be done via the TECh web page which can be accessed through www.tulsaengineer.org.

Questions may be sent directly to the lead judge at annalise.brady@gmail.com. Please cc:Tulsatechchallenge@gmail.com.

PRIZES

Prizes will be awarded for three divisions as follows: Upper Division (9th thru 12th), Middle Division (7th thru 8th), and Lower Division (4th grade and under). In the event of a tie, prizes will be equally distributed between winning entries.

First Place: $100 cash and $25 cash for their classroom.

Second Place: $75 cash and $25 cash for their classroom.

Third Place: $50.00 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 with your team name, school, and competition won.

TULSA ENGINEERING CHALLENGE – Welcome to the Future!

2024 Digital Poster Design Competition – Registration Form

PLEASE TYPE OR PRINT CLEARLY AND LEGIBLY

A word doc of this form is available by emailing info@tulsaengineer.org or calling 918-906-7929

School Name: _____

School Address, City, State, Zip: _____

_____

Sponsoring Teacher: _____

Teacher Email: _____

Phone: _____

School Phone: _____

Grade of Student(s): _____

Name(s) of Student(s) and Signature(s):

1) _____   _____

2) _____   _____

3) _____   _____

4) _____   _____

We hereby certify that the poster was designed and created by the following students.

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Digital Poster Design Competition – Score Card

Poster scores will be based on a scale of 1-100 (100 being the best possible score).

Name of Judge: _____

Max. Points	Category	Score
20 points	Design Principles	
20 points	Theme	
20 points	Creativity	
20 points	Guidelines	
20 points	Presentation	
	TOTAL:	