
OFFICIAL RULES FOR THE 2017 TULSA ENGINEERING CHALLENGE

Theme – Engineers Dream Big

Every project, great or small, starts with a dream. A dream to create and build. Engineers engage their creativity and technical know-how to transform dreams into reality. They are dreamers across the professional spectrum from transportation, to agriculture, to medicine and beyond. This year TECh encourages you to dream and to Dream Big!

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 “Engineers Dream Big”.

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**, “Engineers Dream Big”, in a unique, creative way using the above design principals 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 no more that 11 inches x 17 inches.

The digital file should be saved as a JPEG, EPS, 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 **Thursday, February 23, 2017**. Late entries will NOT be accepted for scoring.

A printout of the poster must be submitted to the judges the morning of the Tulsa Engineering Challenge, **Friday, March 3** to complete the entry. The poster should be printed on photo paper

or poster paper and should not be greater than 11" x 17" and not smaller than 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 six 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 "Engineers Dream Big"?
- What is the student using to represent this theme?

20 points – Creativity

- How is the poster creative?
- Is it unique?
- Is it something one has never seen?
- 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? (11 in. x 17 in.)
- Is the poster mounted to foam core or matte board?
- Was the digital file sent in the correct format?

20 points – Presentation

- Did the student use care in printing and mounting the poster?
- How is the craftsmanship?
- 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 six (6) entries per division per school. Each entry may be an individual or a team project of two to four students. 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? E-mail: 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 (6th 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 – ENGINEERS DREAM BIG
2017 Digital Poster Design Competition – Registration Form

PLEASE TYPE OR PRINT CLEARLY AND LEGIBLY

A word doc of this form is available by emailing wollmersh@aol.com 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.

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:	