

2017 – 2018

UT Tyler College of Engineering

Texas Project Lead the Way

Cardboard Canoe Competition



# Rules Update and Schedule – January 2018

## Introduction:

The UT Tyler College of Engineering and Texas PLTW are partnering to create the 2017-2018 UT Tyler College of Engineering Project Lead the Way Cardboard Canoe Competition. The purpose of this competition is twofold: (1) to provide PLTW students opportunity to wrestle with an open-ended, practical engineering problem, and (2) increase awareness of STEM Challenges across the state of Texas. The competition focuses on four distinct aspect: (1) creating and displaying a cardboard canoe, (2) authoring a technical report describing the project management, design, engineering and construction of the canoe, (3) delivering an oral report relaying technical and management information regarding the project, and (4) racing the cardboard canoes. The bulk of the activities that form the competition are analogues for the real world skills that practicing engineers in the new millennium must possess.

This rules update provides four key pieces of information: (1) The date of the event, (2) Instructions on when and how to submit the Design Paper, (3) A preliminary schedule for the event, (4) Instructions on how to register a team for the event and the price of the event.

For the original rules, please check either of the two web-links below.

<https://www.uttyler.edu/engineering/documents/cardboard-canoe-competition.pdf>

<http://www.texaspltw.org/about/news-archive/79-pltw-ut-tyler-coe-cardboard-canoe-rules>

## Event Dates:

The 2018 UT Tyler College of Engineering Texas Project Lead the Way Cardboard Canoe Competition will be held Friday, April 20, 2018 – Saturday, April 21, 2018. The event will be held on the main campus of the University of Texas at Tyler in Tyler, Texas. A final information packet (with venue locations and other details) will be posted on March 19, 2018.

## Design Paper Submittal Instructions:

The design paper should be submitted electronically as a single PDF document to the following email address: [coe@uttyler.edu](mailto:coe@uttyler.edu). The PDF file should not be larger than 5 MB. In the email subject line, include two items: (1)2018 PLTW Cardboard Canoe, and (2) your school name. **The due date of the Design paper is March 19, 2018 by 11:59 PM.** Teams that violate any of the items noted here will receive design paper deductions as noted in the rules packet.

## Event Schedule:

The preliminary schedule of events is provided below. Minor modifications to the schedule may occur and teams will be notified as soon as possible of these changes.

Time	Event
	<b>Friday, April 20th</b>
Noon - 2 PM	Registration
2:30 PM	Welcome Address
	Javier Kypuros, Dean UT Tyler College of Engineering
	Mike Odell, Texas PLTW Affiliate Director
3:00 PM	Campus and Laboratory Tour
4:00 PM	Captain & Advisor Meeting
5:00 PM	Social Function TBA
	<b>Saturday, April 21st</b>
7:00 - 8:30 AM	Canoe and Display Set-up
8:30 - 10:00 AM	Canoe Weighing
9:00 AM	Captain & Advisor Meeting
10:00 AM - Noon	Canoe Weighing
10:00 AM - 2:00 PM	Oral Presentations
Noon	Lunch
2:00 - 5:00 PM	Canoe Racing
5:30 PM	Awards Ceremony

### Registration and Pricing:

To register your team, fill out the form provided as Appendix A of this document and email it to [coe@uttyler.edu](mailto:coe@uttyler.edu). In the email subject line, include two items: (1)2018 PLTW Cardboard Canoe, and (2) your school name. The team registration deadline is March 1, 2018. The first 25 teams to register will be accepted to the competition. Teams that register after the March 1 deadline (up until on-site registration on April 19, 2018) will be placed on a waiting list and allowed to participate at the discretion of the host (and may not receive lunch or other event items). We want as many schools that would like to participate as possible, but we need to be able to plan the event and space may be limited. Help yourself and the other schools participating by registering prior to the March 1 deadline. Questions regarding registration can be addressed via email to [coe@uttyler.edu](mailto:coe@uttyler.edu) (put 2018 PLTW Cardboard Canoe in the subject line).

The cost to register your team is \$50.00. The cost to register each of the participants is \$10.00. Please include your advisor as one of your participants on the form in Appendix A. As an example, if you choose to register a team of 5 plus your advisor, the total price would be  $\$50 + (5+1)*\$10 = \$110$ . The registration costs will be due March 19, 2018 (instructions to be provided upon team registration).

Included in the registration costs are: snacks and water throughout the competition, Saturday lunch, an event T-shirt, and awards.

## Appendix A: Team Registration Form

**High School:** \_\_\_\_\_

**High School Teacher / Faculty Advisor:** \_\_\_\_\_

(Note: High School Advisor must attend trip for the team to participate)

**Team Member**

**T-Shirt Size**

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**Dietary Restrictions:**

Please note Team Member and any special dietary restrictions below. Good faith efforts to meet dietary restrictions will be made.

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