

SAE BALLOON POWERED CAR CHALLENGE

Wed., Feb. 21
10:30 - 11:30 a.m.
EE, The Cube
FAU Boca Raton Campus

Register @ s.fau.edu/car-challenge

OBJECTIVE

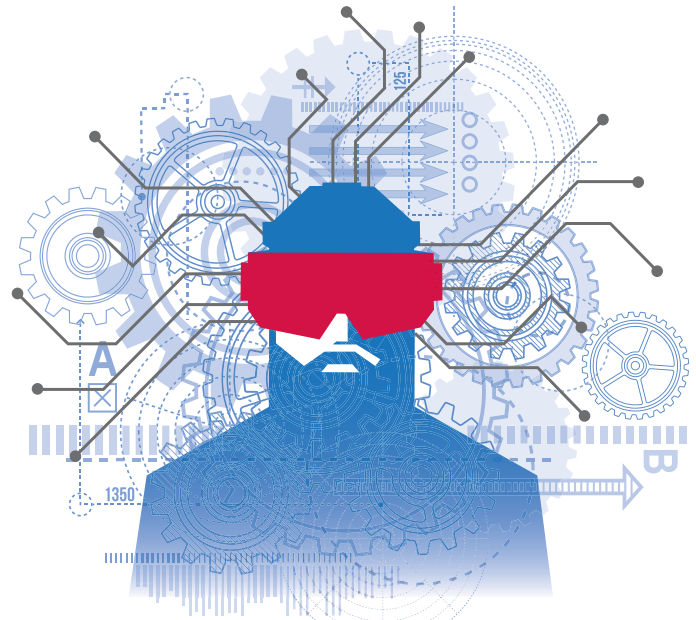
The objective of this competition is to create a balloon powered car made from the materials given to you and any other materials you find. Maximum three members to a team. All FAU students can participate. We will award a winning team in each of the following three categories: creativity, performance (distance achieved), and cost of the car after completion.

MATERIALS

The College of Engineering and Computer Science will provide the following materials one week prior to the competition:

- Balloons
- Drinking Straws
- CDs
- Wooden sticks

Students may use additional materials in the construction of the car. However, the cost of what is used on the construction of the car must be presented in a cost report at the competition. Anything borrowed from the College will not count in the cost report.



engineering reality

from imagination to realization

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RULES

- Only (1) balloon may be used for every (4) wheels. The car may not have more than 12 wheels.
- The wheels cannot be stacked.
- Length: no more than 12.5 inches. Width: no more than 12 inches.
- The only fuel to be used is air. No other gases allowed.
- The only thrust allowed is the one produced by the air in the balloon(s).
- The car cannot fly...it may only roll.