

# 2015 Engineering Club HALLOWEEN LAUNCH

Thursday, Oct 29<sup>th</sup> 2015



This year the RRCC Engineering Club will be sponsoring a Halloween Launch event. We will be preparing for Halloween weekend by having teams launch marbles, golf balls, and baseballs in the hopes of obliterating some pumpkins. Any and all RRCC students are welcome to join us and come take part in the fun!

Contact the RRCC Engineering Club to register or for more information at [rccengineeringclub@gmail.com](mailto:rccengineeringclub@gmail.com) or [Liz.cox@rrcc.edu](mailto:Liz.cox@rrcc.edu). You can also drop by our weekly build meeting in the Idea Lab, on Fridays from 2:30 till 3:30.

**General Rules:**

- Launch weapons will be inspected for safety. If deemed unfit the team will be disqualified.
- No parts other than the projectile may come disconnected from the device at any time. Components must be securely attached prior to participating in the competition.
- If the device becomes inoperable or unsafe, it will be removed from the competition. If this were to happen, the team's current score becomes their final score.
- The competition is being held outdoors, factor such as rain or wind may affect outcomes. We're going to play anyway.
- These rules are subject to change at any time without the agreement of all teams in the competition, or at the discretion of the judge.
- Any teams found to be in violation of these rules will be disqualified from the competition.
- Costumes will be HIGHLY encouraged.

**Contest Guidelines**

- Individuals or teams may compete.
- Competitors must be Red Rocks Community College students.
- Teams must appoint a team leader/contact person.
- All competitors must register their device before Tuesday, October 27<sup>th</sup>.
- Safety is of utmost concern. Please test your device to the range you are competing for.
- No part of the device can extend over 5 feet high.
- Materials are the team's responsibility. Accuracy of the device will be paramount.

**Devices may be entered in one or more of the range categories:**

- 100 Yards – Field goal line to goal line – Baseball
- 50 Yards – Field goal to center field line – Golf Ball
- 10 feet (Table Top) – Marble

**Competition Rules:**

- Devices will be allowed two test shots to get lined up.
- Devices in the 50yd and 100yd category will have three shots at a ground target, a pumpkin on a 6ft by 8ft plywood sheet, and be scored based on accuracy.
  - Scoring will be based on:
    - 1 point – hitting the plywood sheet
    - 2 points – hitting the 3ft diameter circle in the middle of the plywood sheet
    - 3 points – Hit the pumpkin in the middle of the circle
- Devices in the 10ft category will be shooting at a bull's eye painted on a pumpkin:
  - Scoring will be based on:
    - 1 point – hitting the outer ring of the bull's eye
    - 2 points – hitting the inside ring of the bull's eye
    - 3 points – hitting the bull's eye

**Prizes will be awarded for the highest score in each category and to the contestant/team with the best costume.**

2015 RRCCEC  
Halloween Launch  
Set-up

