Overview
This competition provides student Chapters an opportunity to demonstrate their creativity and special skills in engineering. Guidelines are listed below, but in general the judges will look for originality. Each Chapter will upload a video of their contraption to youtube.com where all contestants can view each other’s work. We also encourage Chapters to show University support by including school logos, sports team paraphernalia, etc. in the device or background. We hope this will prove an enjoyable challenge for all.

Goal - Pop a balloon.

Rules
- May use any materials
- May purchase up to $30 in extra materials
- Must include a mouse trap and a hammer
- May be as complex as desired, but the task must be complete in 2 minutes or less
- The machine must be started with a single force acting upon the starting object. This force can be a finger
- Submissions (email link to YouTube posting) must be sent to Nathan O’Kane (okane@live.marshall.edu) NLT 1200 EST on Mon, 1 Apr 13.

Video Criteria
The video must show the machine complete the goal from start to finish. The device must operate in 2 minutes or less, but the total video length may be up to 3 minutes to include introductions, comments, and credits. The camera may be hand held and moved around with the active items to show the details of the machine in motion. Video quality is important, but editing quality should not have a bearing on eligibility to place or win. E-mail okane@live.marshall.edu the link to the video of your machine on YouTube. Shortly after the video submission deadline, a playlist of the videos will be posted to the SAME Student Resource Page for your viewing pleasure.

Judging
The SAME Student Advisory Group will select the top 3 machines based on the following criteria. The SAG consists of Valencia White, Brian Earll, Preston Godoy, Thompson Hunt, and Nathan O’Kane.

- Number and complexity of Items chosen - 20pts (e.g., recognizable, variety, etc.)
- Clever uses of items - 20pts
- Complexity of the device - 20pts

Prizes - 1st - $100; 2nd - $50; 3rd - $30

Awards
Awards will be provided to the sponsoring Post for presentation and links to the videos placed on the SAME Chapter Facebook page and SAME College Outreach Committee website.