

## Monstrous MechE Event

*Brought to you by MIT ASME*



### Description:

Student competition where students create terrifying mechanical contraptions. Made with the fullest extent of your team's imagination but should not be formed as a weapon or any state to hurt anyone. Create the illusion of danger! Faculty judges will decide on the winner based on criteria listed below.

### Logistics:

Date: Wednesday, Oct. 30th, 7:30-9pm

Location: TBD

Food: Of course, this is MIT - lol

On the day of, you will just be displaying your contraption. Everything should be completed by then!

### Teams:

Contestants can work alone or in teams and are responsible for creating their own teams. There is no upper limit on the number of members of your team. Feel free to also email us ([mit\\_asme\\_exec@mit.edu](mailto:mit_asme_exec@mit.edu)) if you would like assistance finding team members.

### Safety and Screening:

Contestants must submit a full description of their model along with Critical Module Pictures. Submissions will be reviewed by ASME exec staff and will determine if the robot is safe enough to be a contestant for the the event. If students ever have any doubts, please feel free to email the ASME exec for advice and approval.

In order for students to compete they must go through a screening process a week before the event, Oct. 23rd, so ASME can evaluate if student's constructions are not too dangerous to have at the event and to verify that their constructions will be completely finished by the 30th.

### Reimbursement:

ASME is willing to reimburse students for materials they use, up to \$50 (tentative). In order for student to be reimburse they must provide a Bill of Materials no later than Oct. 12th.

Contestants will be reimbursed after presenting on Oct. 30th after providing receipts.

Students are free to use any other materials they can attain. We are providing \$50 to aid students who seek it. Use whatever resources you have available to construct a better contraption of horror.

### Judging Criteria(Rubric):

Entries will be scored on the following categories:

- Creativity
  - How unique is it?
  - How does it accomplish it's goals?
  - Does it use any interesting mechanisms?
- Scariness
  - How well does the machine induce fear (Muahahaha)
- Execution
  - How well does it accomplish what it's meant to do
    - Does it spark?
    - Does it make a mess (contained, of course)?
    - Does it malfunction?
- Resourcefulness
  - What is it made of?
  - What can it do considering the limited reimbursement?

### Prizes:

Cash!

Any additional questions can be sent to [mit\\_asme\\_exec@mit.edu](mailto:mit_asme_exec@mit.edu)

### Examples:

Fire-breathing Pumpkin (with contained fire)

Robotic Horror Animals (Spiders, Owls, Wolves, Mummies)

Scary Battle-Bots

Well Manufactured Monster Figures (3D Print?)

Scary Gumball Machine