



MINNESOTA STATE

Engineering Center of Excellence

2018 Engineering Machine Design Contest

March 2, 2018

At Minnesota State University, Mankato

Challenging students to design, engineer, and build their own machine.

TEAMS: Teams of up to four students will enter into the contest a machine they engineer to complete a specific task, engaging hands-on with engineering and STEM principles.

THE MACHINE: A good machine incorporates everyday devices and objects and connects them in unique ways. The machine must be no more than 5 feet by 3 feet by 2 feet.

THE MISSION: The mission is to construct a machine that uses multiple steps to complete an assigned task, which varies from year to year.

THE CHALLENGE: This year's challenge is to... WEIGH IT!

SCORING: Teams are scored on progress reports, a team presentation, and the operation of their machine.

REGISTRATION: \$25/team due January 8th, 2018

DIVISIONS: Senior Division (9th-12th grade) | Junior Division (6th-8th grade)

DEADLINES:

Registration: January 8th, 2018

Conceptual Design Proposal: January 8th, 2018

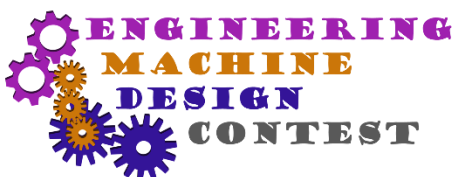
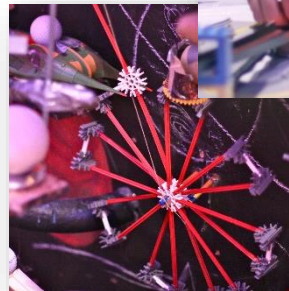
Image Release Waiver: February 5th, 2018

Photographic Progress Reports:

#1 – January 22nd, 2018

#2 – February 5th, 2018

#3 – February 23rd, 2018



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