Dear ME 322 Student;

On Saturday, March 5th, 2016, the University of Nevada Reno (in collaboration with the Nevada Department of Education and Northern Nevada MESA (Mathematics, Engineering & Science Achievement)) will host the Nevada State Science Olympiad. Science Olympiad is a competition which tests middle school and high school teams on their knowledge of various science topics and engineering abilities.

The Science Olympiad is also an excellent way to earn extra credit for ME 322! Students who participate in observing and judging the events on the day of the competition will earn 1% extra credit. Below is a list of eligible events with brief descriptions. Events will run from approximately 8:00am to 4:00pm; you will be required to commit to at least 2 hours.

If you are interested in this opportunity, please select the event(s) you would like to observe and help judge, and contact MESA Coordinator, Rebecca Fisher, by Wednesday, February 24th to sign up.

Rebecca Fisher
MESA Coordinator
UNR Science Olympiad Coordinator
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Air Trajectory - Prior to the competition, teams will design, construct and calibrate a single device capable of launching projectiles into a target and collect data regarding device parameters and performance. Volunteers will assist in judging the launches based on predetermined criteria.

Bottle Rocket - Prior to the tournament, teams construct two rockets designed to stay aloft for the greatest amount of time. Volunteers will assist the Event Supervisor in timing and judging the competition.

Bridge Building – Prior to the competition, teams will design and build the lightest bridge with the highest structural efficiency that can span a given opening meeting the requirements given. Volunteers will assist the Event Supervisor in scoring each team’s bridge.

Elastic Launch Glider – Prior to the competition, teams will design, construct and test elastic-launched gliders to achieve the maximum time aloft. Volunteers will assist the Event Supervisors in timing and judging each run based on preset standards.

Mission Possible – Prior to the competition, competitors will design, build, test and document a Rube Goldberg-like device that completes a required task through an optional series of simple machine.

Robot Arm – Prior to the competition, teams must design, build, document and test one robotic device to move score able items. Volunteers will assist the Event Supervisors in timing and judging each run based on preset standards.

Scrambler - Prior to the competition, competitors must design, build and test one mechanical device, which uses the energy from a falling mass to transport an egg along a track as quickly as possible and stop as close to the center of the Terminal Barrier without breaking the egg. Volunteers will assist the Event Supervisor in timing and judging the competition.

Wright Stuff – Prior to the tournament teams, design, construct, and test free flight rubber-powered monoplanes to achieve maximum time aloft. Volunteers will assist the Event Supervisors in timing and judging each run based on preset standards.

*Please note: sign-up availability is limited and will be assigned on a first-come, first-serve basis. All students interested in this extra credit opportunity will be able to sign up, but if you are interested in a specific event, sign up early!

**If you sign up to participate, and you do not show up, 1% will be deducted from your grade – strong commitments are required to make the event a success**