

**36th Annual Student Career Days**  
**March 22 – 25, 2012**  
**Kansas State University**

**SKID STEER OPERATION**

**\*\*Note: This event list has been updated for the 2012 event\*\***

**Description:** The student (maximum of one individual per school) will demonstrate understanding and proficient operation of a skid steer loader. The student will be required to do a pre-operation inspection and operate the machine through a designated course. The course will simulate several job site conditions such as, but not limited to, tight quarter operations and material retention during operation. Upon completion of the course, a measurement will be taken to determine how much material was retained through the course. In addition, students will take a written exam on Friday covering safety, skid steer loader characteristics, operation, and maintenance.

**Time:** Students will have one hour to complete the written exam on Friday and 15 minutes for the operation of the skid steer on Saturday; time-slots will be assigned at the completion of the written exam.

**Limits: The sponsor reserves the right to limit the number of individuals that will compete due to time constraints.** Time slots will be assigned based on the order of completion of the written test. All available operation time slots will be filled on a first come, first served basis.

**JUDGING CRITERIA**

**Points:** 100 possible points for the individual score; the individual score is doubled toward the team score for a total of 200 possible points.

Points will be assigned based on the following criteria:

1. Written exam (20%)
2. Safe completion of walk around and operational tasks on course (5%)
3. Safe completion of operational tasks on course and measurement of material retention (75%).  
Deductions will be applied for measured material retention, course performance and time.

Time will only be used as a tiebreaker.

**Students are required to bring the following materials to the event:** Two sharpened pencils with erasers for the written exam on Friday. For Saturday, Hard soled shoes or boots are required. Students are also required to wear clothes that are appropriate for the operation of a piece of construction equipment. Safety glasses, ear protection, and gloves are highly recommended.

**Sponsor is required to supply the following materials for the event:**

- Two skid steer loaders for operation of event
- Diagram and set up of obstacle course
- 40 copies of written exam and answer sheet with cover page
- Final solution for written exam ready for scoring the students' tests
- Stopwatches
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event