

Navigational Course (Distribute feed)

DESCRIPTION: Team Driving involving a team of two or more with the whole team only seeing the monitors of the field. The course will consist of a series of 4 locations of varying dimensions where the robot must deliver appropriate feed. There will also be roaming animals that accompany each location. These will be altered between each team. The animals for each location will remain in the same relative position as the location. The team can consist of up to two robots on the mat at the same time. The robots may work together or separately on the tasks.

Rules

1. Participants will have 5 minutes to complete the course. All team members may have hands on time in controlling the bot.
2. The team must not be able to physically see the driving course, but will see it through a camera and monitor.
3. The bot must navigate to the each location and complete a designated task. Teams may complete the tasks in any order.
4. Partial credit will be given for reaching the location but not having the bot fully complete the task.
5. In case of a tie of all items - total time will be used to determine a winner.

Size of field will be 20' X 20'

Scoring	Center	Red	
Location 1 12"x12"	7	4	points
TASK: small bales			
Location 2 12"x12"	8	5	points
TASK: feed sacks			
Location 3 12"x12"	9	6	points
TASK: Round bales			
Location 4 12"x12"	10	7	points
TASK: Large bales			

