

Ball Course (Water Rescue)

DESCRIPTION: Using robots, participants will rescue objects from different areas of the course. There will be 4 different size of objects: large animal, small animal, miscellaneous vehicles. Teams can modify the CEENBoT to be able to move the objects using any materials they have available.

Rules

1. Participants will have 5 minutes to move as many objects into the scoring area as possible.
2. Two robots will be allowed in the water rescue course at the same time.
3. Objects can be moved with cooperation between both robots.
4. Objects can only be grabbed and released by the robots.
5. Objects completely inside the scoring zone will be awarded appropriate points.
6. A drawbridge will connect the two platforms. The drawbridge can be raised by pushing a metal lever (represented in yellow) and lowered by backing away from the lever. The drawbridge is at a 5" clearance when lowered and a 10" clearance when raised to its highest point (minus the angle down to the attached platform).
7. In case of a tie - total time of the last object in the scoring zone will be used to determine a winner.

Scoring

each large animal - 3 points (total: 9)
each small animal - 2 points (total: 6)
each small vehicle - 2 point (total: 6)
each medium vehicle - 3 point (total: 9)

Getting back to Start/End before the
time runs out
(1 point per CEENBoT - total: 2)

32 total points possible

