



will also be a ramp and/or simulated sand pits. The robot must turn around at the end of the course when it sees the red signal and must return back home. The robot must not touch the obstacles. The clearance to pass the obstacle should be greater than or equal to 4.5 feet.

### **Laptop Robot Specifications**

- Any number of on board cameras can be used
- Any sensors can be used
- One laptop can be used
- Speed: no limitations
- Length: minimum 3 feet, maximum 5 feet
- Width: less than 4 feet
- Height: less than 6 feet
- Payload: 3 milk bottles full of water, approximately 25.04 lb (or 11.36 Kg)

### **Game Rules**

- If the robot crosses a dashed line, touches an obstacle or any violation is noted by a referee, the robot will be placed back at the start of the course by the player. The robot will have 3 minutes to complete the course.
- In the event that no robot completes the whole course, the winner will be decided by the distance the robot traveled.

*Official version created on 2-20-03 after two revisions*