

# robo expo!

## Line Following Challenges

### Line Following Challenge A

**The challenge:** Your robot must follow the shape starting at one end and completing the entire path.

**Time Limit:** The trip must be completed within 1.5 minutes.

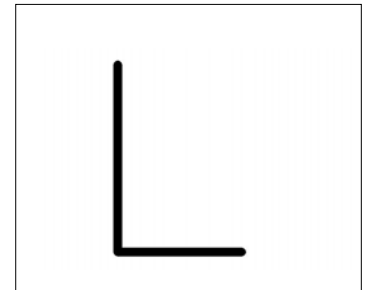
#### **How to recreate a practice course:**

What the course looks like:

The letter "L"

Black line = 1.5 inches

The shape will be placed on a 4' X 6' piece of foam core.



### Line Following Challenge B

**The challenge:** Your robot must follow the peanut shape making at least one complete circuit.

**Time Limit:** The trip must be completed within 1.5 minutes.

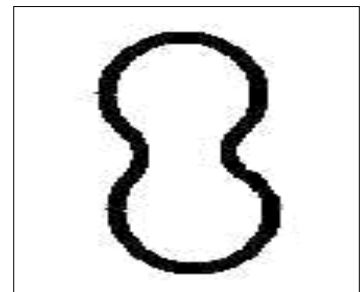
#### **How to recreate a practice course:**

What the course looks like:

A "peanut" shape

Black line = 1.5 inches

The shape will be placed on a 4' X 6' piece of foam core.



### Line Following Challenge C

**The challenge:** Your robot must follow the outline of the R starting at one end and completing the entire path.

**Time Limit:** The trip must be completed within 1.5 minutes.

#### **How to recreate a practice course:**

What the course looks like:

An open letter "R"

Black line = 1.5 inches

The shape will be placed on a 4' X 6' piece of foam core.

