

robo expo!

Line Following Challenges

Line Following Challenge A

The challenge: Your robot must follow the “C” shape starting in the center and completing the entire path. Each team will have two chances to complete the challenge.

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

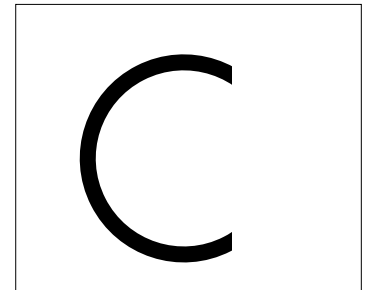
How to recreate a practice course:

What the course looks like:

A “C” shape

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 line starting at one end and completing the entire path. Each team will have two chances to complete the challenge.

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

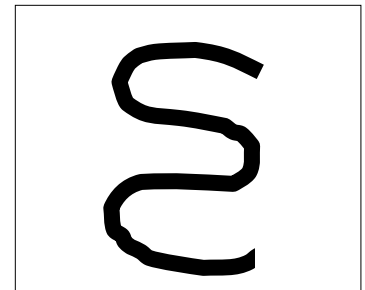
How to recreate a practice course:

What the course looks like:

A wavy line

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 line starting at one end and completing the entire path. Each team will have two chances to complete the challenge.

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

How to recreate a practice course:

What the course looks like:

A triangle

Black line = 1.5 inches

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

