

2020 Alabama K-12 Robotics Contest

University of Alabama
Bryant Conference Center

<http://outreach.cs.ua.edu/robotics-contest/>

April 4, 2020
10:00am-3:30pm



The Challenge

Come test your computer programming skills and compete with other Alabama students for cool prizes! A fun day is planned with educational experiences, food and social activities.

The Alabama Robotics Contest is an event where students write programs that navigate their robot across a series of obstacle courses. Awards will be given out in several categories across multiple grade levels.

Essential Details

- The contest is open to all Alabama students (public, private, or home schools) across all grade levels (elementary, middle, high schools).
- Teams consist of 2-5 participants.
- The contest will feature three obstacle courses that must be navigated over a three-hour period.
- Robot programs to navigate the obstacle course may be written in any language (e.g., Mindstorms LabView, Java/Lejos, RobotC, C#, etc).
- Students will use their own robots and their own computers to compete in the contest.
- Each registered student will receive lunch, snack break, a T-shirt, and a certificate of participation.
- Over \$5500 in prizes and awards will be given to the top-four teams in each division.
- Details regarding the specific rules can be found at the contest web site:

Event Schedule

9:30am-10:45am

- Check-in and setup; Collect T-shirt and Registration Materials

10:45am-noon

- Lunch; Explanation of Rules; Keynote Presentation

Noon-2:30pm

- Robotics Contest (Students); Education Discussion (Parents and teachers)

2:30pm-3:00pm

- Break; Snack Period

3:00pm-3:30pm

- Awards Presentation

Parents and teachers are welcome to attend the keynote talk and awards presentation.



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