

**vex**<sup>®</sup>  
ROBOTICS  
**COMPETITION**  
**IN THE ZONE**

Saturday January 20, 2018



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### Acknowledgements

We would like to recognize the Adelphi University faculty, staff, and sponsors who contributed to making this competition a success without their unwavering support this program may not have been possible

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Sakir Siddqui, Facilities Coordinator

Edward Tse, Logistics Coordinator

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Schedule

Check-In and inspection 7:30 AM

Interview 8:00 AM- 9:30 AM

Opening Ceremony 9:30 AM-10:00 AM

Qualification Matches 10:00 AM -12:00 PM

Lunch 12:00 PM – 1:00 PM

Qualification Matches II 1:00 PM– 3:00 PM

Closing Ceremony and Awards 4:30PM – 5:00 PM

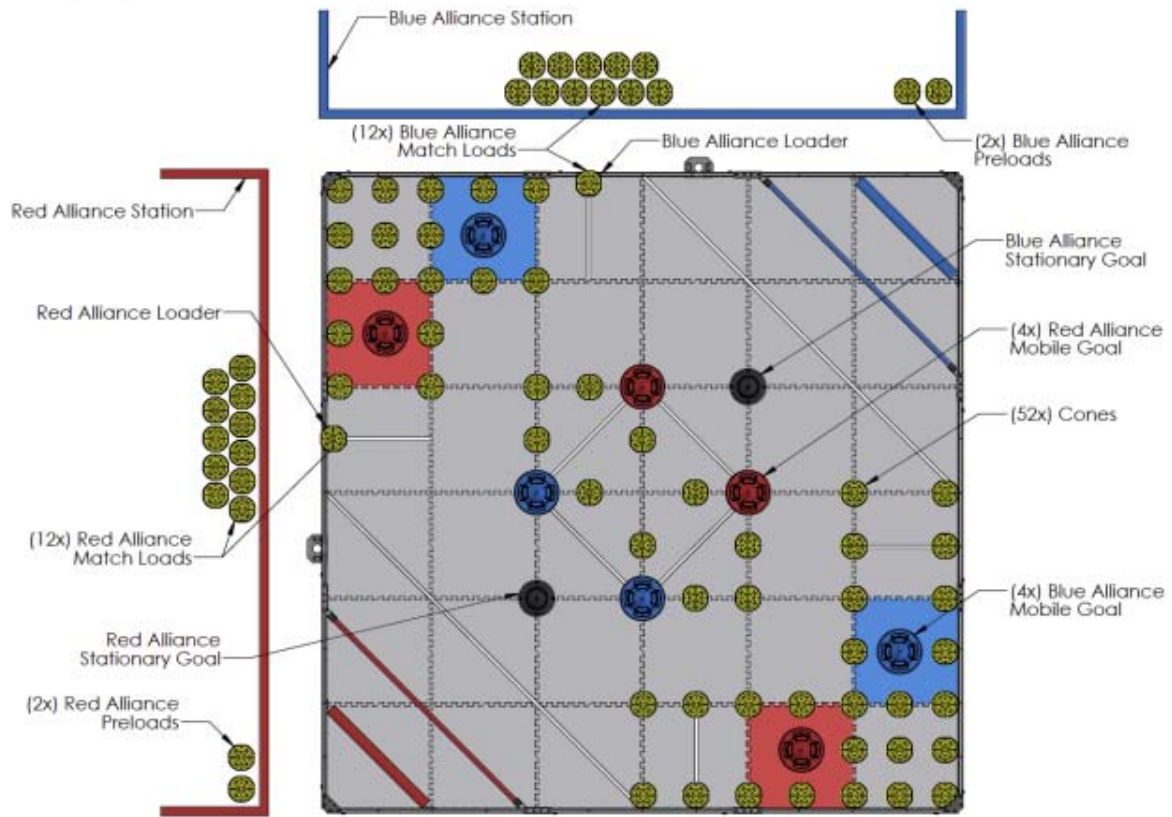
### What is VEX?

The VEX Robotics Design System offers students an exciting platform for learning about areas rich with career opportunities spanning science, technology, engineering and math (STEM). These are just a few of the many fields students can explore by creating with VEX Robotics technology. Beyond science and engineering principles, a VEX Robotics project encourages teamwork, leadership and problem solving among groups. It also allows educators to easily customize projects to meet the level of students' abilities. The affordable VEX platform is expanding rapidly and is now found in middle schools, high schools and university labs around the globe. Robotics hobbyists also appreciate the advanced capabilities of the VEX System.

### CURRENT CHALLENGE: VRC IN THE ZONE

VEX Robotics Competition "In the Zone" is played on a 12'x12' square field configured as seen above. Two alliances – one "red" and one "blue" – composed of two teams each, compete in matches consisting of a fifteen second autonomous period followed by one minute and forty-five seconds of driver-controlled play.

The object of the game is to attain a higher score than the opposing Alliance by Stacking Cones on Goals, by Scoring Mobile Goals in Goal Zones, by having the Highest Stacks, and by Parking Robots.



Each Cone Stacked on a Goal	2 points
A Mobile Goal Scored in the 5 Point Zone	5 points
A Mobile Goal Scored in the 10 Point Zone	10 points
A Mobile Goal Scored in the 20 Point Zone	20 points
Having the Highest Stack in a Zone	5 points
A Robot that is Parked at the end of the Match	2 points
Alliance with the most points at the end of Autonomous	10 points

Team	Team name	Organization
1058A	Elwood	Elwood HS
1808A	Red Devil Robotics	Freeport High School
1808B	Red Devil Robotics	Freeport High School
1808C	Red Devil Robotics	Freeport High School
19396A	Bayside	Bayside High School
38211A	Centereach Robotics	Centereach High School
57173A	Malverne Engineers	Malverne Senior High School
6277A	RoboCavs	The Harvey School
6277B	RoboCavs	The Harvey School
6277C	RoboCavs	The Harvey School
68602A	GC Robots	Garden City High School
68602B	GC Robots	Garden City High School
68602C	GC Robots	Garden City High School
68602D	GC Robots	Garden City High School
699E	Eve-09	Thomas A. Edison CTE High School
699T	RoboTex	Thomas A. Edison CTE High School
699Z	Andromeda	Thomas A. Edison CTE High School
8880A	STEP@ adelphi	Adelphi University STEP Program
8880B	STEP@ adelphi	Adelphi University STEP Program
9458A	Robo Chiefs	Massapequa School District
9458B	Robo Chiefs	Massapequa School District
9458C	Robo Chiefs	Massapequa School District
9458D	Robo Chiefs	Massapequa School District
9458E	Robo Chiefs	Massapequa School District
9458F	Robo Chiefs F	Massapequa School District
9575A	NYITCOM Warriors	NYIT College of Osteopathic Medicine STEP Grant
9575B	NYITCOM Crushers	NYIT College of Osteopathic Medicine STEP Grant
9717A	St. Catharine Comets	St. Catharine Academy
9717B	St. Catharine Comets	St. Catharine Academy
97871A	Roverines Robotics	Newfield High School
98456A	Robo Frog	St. Mary's Episcopal Church
98456B	Men in Black	St. Mary's Episcopal Church

98570A	Babylon Panthers	Babylon UFSD
98570B	Babylon Panthers	Babylon UFSD
9932A	Hawks	Jericho High School
9932B	Hawks	Jericho High School
9932C	Hawks	Jericho High School
11577R	Roslyn Robotics	Roslyn High School