

Application Instructions

To apply, please complete the following application. Narrative responses should be no more than two typed pages. Applications may be submitted via e-mail to engroureach@tamu.edu. Applications submitted by e-mail will receive a confirmation from Texas A&M University.

COMPLETED APPLICATIONS MUST BE RECEIVED BY Monday, April 18, 2016.

Applications and any attachment must be submitted via:

E-mail: engroureach@tamu.edu with "Zero Robotics Application" in the subject line

Fax: 979.847.8654

Mail: Zero Robotics
Attn: Katharine Leysath
3127 TAMU
College Station, TX 77843-3127

Eligibility

Any public or private school or community-based organization that serves middle school youth is eligible to apply. Programs must serve a team of 8-20 youth for a minimum of 15 hours per week for 5 weeks.

Priority consideration will be given to programs that serve under-represented or under-served populations. Each program must have computers (desktops or laptops, not tablets) and internet access.

For questions or additional information visit astrocenter.tamu.edu/zerorobotics, or contact:

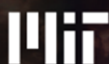
Mauricio Coen
Texas Zero Robotics Lead Student Mentor
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Katharine Leysath
Texas Zero Robotics Program Manager
Program Specialist II, PK-12 Engineering Education
Outreach
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ZERO ROBOTICS STATEWIDE SPONSORS



ZERO ROBOTICS IS BROUGHT TO YOU BY THE GENEROUS SUPPORT FROM OUR SPONSORS:



PART I: Organizational Information

Organization Information and Community Demographics

ORGANIZATION NAME		
ADDRESS	CITY	ZIP
PHONE	FAX	WEBSITE

Social Media

TWITTER	
FACEBOOK	
INSTAGRAM	
OTHER	

Please place an 'X' alongside all that apply:

<input type="checkbox"/>	School/School district
<input type="checkbox"/>	21 st Century Community Learning Center
<input type="checkbox"/>	Community-Based Organization
<input type="checkbox"/>	Faith-Based Organization
<input type="checkbox"/>	Other (please describe)

Contact Information

EXECUTIVE DIRECTOR AND/OR PRINCIPAL	PHONE	EMAIL

PROJECT COORDINATOR (if different)	PHONE	EMAIL

Community Information:

Please indicate the percentage of students in your current program or school.

- Gender: Female: _____% Male: _____%
- Low-Income (receiving free or reduced lunch and/or contracts/vouchers/subsidies): _____%
- Children or youth with diagnosed disabilities: _____%
- English Language Learners: _____%
- Racial/Ethnic Demographics

PERCENTAGE	Race/Ethnicity
%	American Indian or Alaska Native
%	Asian
%	Black or African American
%	Hispanic or Latino
%	Native Hawaiian or Pacific Islander
%	White or Caucasian
%	Other

- Please identify from the above demographics the students that you will specifically target for 2016 participation in Zero Robotics and how you will outreach to them:

PART II: Narrative

Please respond to the following questions briefly and concisely (no more than 2 typed pages).

Provide a Brief Description of Your Program and Partners

- Does your organization/school currently offer a STEM course and/or curriculum during the summer?
- If yes, please describe your STEM offerings, any online or printed STEM curricula you have used (i.e. NASA K-12 online curriculum, FIRST, EiE/EA), any other robotics programs you have been involved with, and explain how the Zero Robotics Project will complement your summer learning program.
- If no, please explain how and why you would like to add a STEM component to your summer program through Zero Robotics.
- Describe any particular experience with computer programming or teaching STEM summer curricula that your staff members or volunteers may have.
- Describe how you imagine the Zero Robotics program fitting in with your overall summer program. Would this be part of a larger program that operating costs are already being covered in or a singular program?
- Strong partnerships are essential to a successful Zero Robotics program. Discuss which agencies, organizations, schools, or other service providers you plan to collaborate with on this project. If you have a commitment from these partners, have they agreed to provide volunteers, financial support, or another form of support? If you have not yet engaged partners, please explain why and/or your plan to do so.
- Has your school or organization participated in any programs with Texas A&M Engineering or Texas Partnership for Out of School Time before? If yes, explain what program and when.

PART III: Required Commitment

By signing below, you confirm that your program agrees to project commitments:

_____ agrees to the following:
Organization/School name

- My program will serve 8-20 youth for 5 weeks of the summer for a minimum of 15 hours per week (including field trips).
- My program agrees to target underserved and underrepresented youth for this program.
- My program has enough computers for youth to access, utilize, and learn on over the summer.
- My program will identify and hire a Zero Robotics Curriculum Coordinator (also known as your teacher, mentor, or primary mentor leading students through the curriculum) who will commit to attend educator training sessions, coordinate the Zero Robotics program, and serve as the main program site contact.
- My program will coordinate transportation to a local industry field trip in the second week of the program.
- My program agrees to coordinate transportation and authorization/permission forms for youth and families to attend the final ISS Competition in the middle of August.
- My program will communicate regularly with the state coordinators and student mentors at Texas A&M and TXPOST as well as the national Zero Robotics team.
- The educators, mentors and volunteers agree to provide written feedback on curriculum design and ease of use to the Zero Robotics team.
- My program agrees to have students and educators complete all pre-/post-evaluations in a timely manner.
- My program will share our summer story with local news outlets.
- Our program will engage families throughout the five-week program.
- Our staff agrees to have fun and learn alongside our students!

Authorized Signature: _____ Date: _____