



Aerial Botball Challenge

KISS INSTITUTE ^{FOR} PRACTICAL ROBOTICS

ABOUT US:

The Aerial Botball Challenge program is a curriculum based program that consists of a KIPR led professional development workshop, ongoing technical support, online curriculum and resources, and access to Challenge Days. This program is built to teach students autonomous drone control via the Python programming language. Challenge days are an opportunity for students to gather family and friends to showcase the knowledge and skills they've acquired by demonstrating completion of various challenges.

This program was developed to help educators feel empowered to facilitate this Python learning experience with their students throughout the school year. Every year the Aerial Botball Challenge program culminates in a 4-day Challenge event at the Global Conference on Educational Robotics. Students and teachers who attend this event get to work alongside attendees from all over the world!



Students can work in teams of up to 3 as they focus on completing the challenges presented to them.



The hands-on workshop is designed to empower teachers, enabling them to teach their students how to apply the engineering design process and improve their computational thinking skills.



In this non-competitive program, participants work with their team to solve challenge after challenge, each one consecutively harder than the previous.

Coming Soon: GCER 2020
July 20th - 24th

St. Augustine, Florida

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