



**Drone Racing**  
League: Junior/Senior  
Participation: Team max 3 person

## Regulation of FPV Contest Drone Race

### International Islamic School Robot Olympiad 2019

#### 1. General requirements :

Divided into three categories:

a. Junior: SD

b. Senior: junior / senior high school

#### 2. Drone:

##### A. Junior

- a. Type Micro Brushed
- b. Motor 6mm / 7mm / 8mm
- c. Battery max 1S (4.2v)
- d. 5.8Ghz FPV Camera and Video

##### B. Senior

- a. Micro Brushless type max size 130
- b. Motor 1103, 1104, 1105
- c. Battery max 2S (8.4v)
- d. Propeller max 3inch
- e. 5.8Ghz FPV Camera and Video

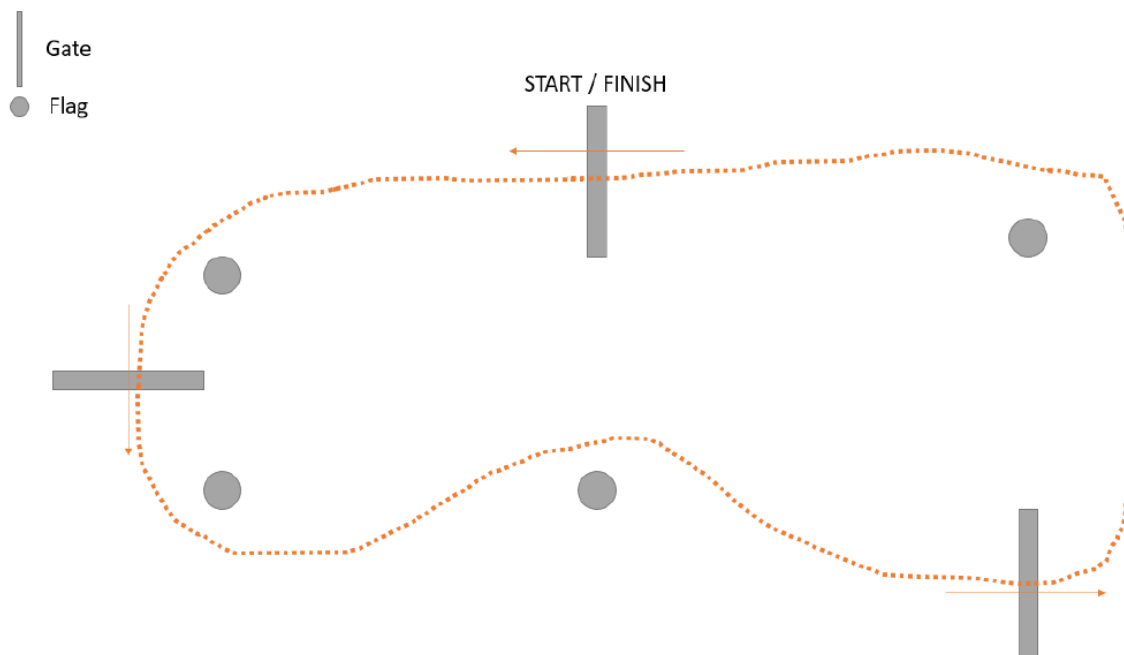
#### 3. Race:

- a. 1 team consists of a maximum of 3 people consisting of 1 person pilot, 1 manager, and 1 mechanic

- b. Given the training time before the race begins
- c. Required to use FPV Goggles (FPV Eyeglasses)
- d. Conducted 2 times of recording time, and will take the best time
- e. Winners are the teams that can complete the rounds in the fastest time
- f. All gates in the arena must pass, if not skipped then time is not recorded / DNF (did not finish)
- g. If none of the participants can finish the round then the champion will be taken from the farthest distance with the fastest time
- h. Junior and Senior Arena is the same, housed in the indoor while for Open is in outdoor
- i. Other conditions will be set later

### Arena:

#### Junior / Senior



**4. Description:**

Examples of drones of each category

Junior



Senior

