

# Goals and Tasks for Botball 2019

Liberty 2  
0242

## Game Goals and Tasks

- Get our table built-January 17
  - Buy all necessary materials-January 12
  - Talk to the man who is building our table about when it will be completed-January 13
- Get all of our camera sensors operating properly-February 13
  - Review camera module-February 8
  - Dedicate more time to studying the camera sensors-February 6
- Complete the first quarter of game strategy-February 1
  - Dedicating more time-January 22
  - Communicating with the other team member to get their ideas-January 23

## Robot Building Goals and Tasks

- Using more gears in our robot-January 25
  - Reviewing engineering module-January 23
  - Finding a good gear combination that works for our robot-January 20
- Use IGUS successfully-January 27
  - Review engineering module-January 25
  - Consult with our robotics instructor about what we are doing wrong and how to fix it-January 19
- Get new wheels that won't break- January 27
  - Purchase the wheels-January 25
  - Attach the wheels to the robot-January 26

## Programing Goals and Tasks

- Use better PSUDO code- February 14
  - Be more disciplined- February 9
  - Dedicate more time and effort- February 5
- Write the camera programing- February 19
  - Dedicate more time to the cameras programing-February 13
  - Review camera modules-February 13
- Writing most of our code in function- January 31
  - Dedicate more time-January 28
  - Practice writing code in function to better our skills- January 24

## Documentation Goals and Tasks

- Get all of our reports done and turned in on time-January 28, February 20, and March 6
  - Working on the reports outside of robotics club meetings-January 25, February 15, and March 1
  - Making sure to pay attention to the days that the reports have to be turned in-January 24
- Take notes on what the robots team members do each week as they prepare for tournament season-February 15
  - Paying more attention to what they do each week-February 10
  - Bring the necessary note taking materials to meetings each week- February 10
- Carefully review each report before submission- January 25
  - Checking for spelling and grammar errors before submission-January 24
  - Make sure that each report hits every point of the rubric

## Schedule Conflicts

- Spring break
- Dance classes that prevent one of our members from coming our Tuesday meetings
- Physical therapy appointments that prevent one of our members from coming the past few months
- Basketball games that prevent many of our members from coming to meetings

## Team Organization

- Schedule
  - Workshop-December 13
  - Meeting- Thursday December 13
  - Meeting- Thursday December 20
  - Winter break December 20-January 3
  - Meeting-Thursday January 3
  - Meeting- Tuesday January 8
  - Meeting-Thursday January 10
  - Meeting- Tuesday January 15
  - Meeting- Thursday January 17
  - Meeting- Tuesday January 22
  - Meeting- Thursday January 24
  - Monday January 28 1<sup>st</sup> report turn in date
  - Meeting-Tuesday January 29
  - Meeting- Thursday February 1
  - Meeting- Tuesday February 5
  - Meeting- Thursday February 7
  - Meeting- Tuesday February 12
  - Meeting- Thursday February 14

- Meeting- Tuesday February 19
  - Meeting- Thursday February 21
  - Meeting- Tuesday February 26
  - Meeting- Thursday February 28
  - Meeting- Tuesday March 5
  - Meeting- Thursday March 7
  - Regional competition- Saturday March 9
- Labor Division
  - In order to divide labor equally in our group the team leaders enjoy letting the other members program and build as well as strategize. Usually the team leaders allow the other member to program and build. They usually advise the members while they work with the robots while they teach them creating fun learning environment.
- Conflict and Resolution
  - When there is a conflict on our team each side explains to the other their opinions and we then try to resolve the issue by taking into account each other's feelings and opinions while they work to resolve the issue in a calm respectful manner.