

- Our project goals include building our own robot, making friendships,
- Our project will showcase our group's particular skill set in manufacturing and design. To do this, we will build our own robotic arm that will recognize the shape of balls and their particular color. We plan to program our unique arm to pick up balls based on a user input specified color and then perform a set of tasks based off of the ball color. For instance, we may have the robot rotate 180 degrees after picking up a blue ball. Through this project we will exemplify our group's mastery of image processing, kinematics, and design.

