

Integrated Kwadropus

When putting together the Kwadropus project, it was split into the five different teams —Controls, Mobility Arm, Duster Arm, Propulsion, Suction Cups—to make the project doable within the short time frame of the school year. The integration of all the components is a much more complicated process than what I had expected in the first year of this project. If this were being done by an engineering team, there would be an overseeing manager to coordinate each of the teams to make parts fit together and to keep some components standard between the teams. I did not make any suggestions or recommendations on how to integrate the components. However, there were two classes that took on this challenge and made significant strides forward on how an Integrated Kwadropus Duster Robot might be accomplished.

Clear Creek High School

Varghese, Olivia E.
Oh, Jonathan S.
McElroy, Trestyn A.
Lindo, Yoximi M.
Infante, Xavier D.
Hasley, Nicholas T.
Harris, Anthony J.
Farrar, Aiden M.
Correia, Keith J.
Chen, Deniel
Bettayeb, Adam R.



Clear Falls High School

Bidulescu, David A
Dejvongsa, Davion T
Dockery, William H
Flores, Michelle G
Gonzalez, Jayden R
Gooding, James A
Keech, Conner A
Lorente, Roderick L
Padilla, Ramon D
Shen, Jia Qi

