

PURDUE UNIVERSITY  
FORT WAYNE



*DroneBlocks*

# Drones: Revolutionizing Industries and the Science Behind Their Flight



# Introduction to Drones



- At their core, drones rely on four basic physical concepts: lift, thrust, drag, and weight.





Photo: torek/Flickr



Photo: Doctress Neutopia / Flickr

# In The News

## Drones are all the buzz...

ILLUMINATED LIVING TAKING A CLOSER LOOK AT DRONES







# Drones in Day-to-Day Life





A white quadcopter drone is shown in flight, centered in the frame. The drone has four propellers and a camera mounted underneath. The background is a soft-focus sky at sunset or sunrise, with warm orange and red clouds. The word "QUESTIONS?" is written in a white, sans-serif font across the middle of the drone.

QUESTIONS?



# Getting Started with DroneBlocks and PYTHON





# DRONE CHALLENGE

1

2

3

# Why did we choose CS?

Dr. Adolfo Coronado  
Yashi Yadav  
Grace Lueking







**AWARDS TIME !!**