

# Drone Club

## Mission Statement:

**To promote student enthusiasm and interest in remote controlled Unmanned Aerial Vehicle (UAV) design, fabrication and testing.**

### Activities

Custom Drone Designs  
Student Design Teams  
(Across disciplines with Faculty Mentors)  
Team Competitions

### Skills

Creativity  
Team Dynamics and Leadership  
Design using CAD  
Introduction to FEA  
3D Print Fabrication  
Machine Design  
Engineering Analysis  
Machine Shop Fabrication  
Reverse Engineering  
Robotics and Control Systems  
Circuit Design  
Computer Programming  
Artificial Intelligence

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