

## Our Mission

Our mission is to empower college students through drone racing by fostering innovation, teamwork, and technical skills, preparing them for future careers in STEM and technology-driven industries.



# What Is Drone Racing?

Drone racing is a fast-growing competitive sport where pilots control drones through challenging courses. Combining speed, precision, and cutting-edge technology, drone racing provides students with an exhilarating and hands-on experience in STEM, teamwork, and problem-solving.



#### Competitive Racing:

Compete in regional drone racing events with other colleges, with both individual and team competitions.



#### Career Pathways:

Drone racing connects to industries like agriculture, media, emergency services, and military, with skills that directly translate to careers in UAS and related tech.



#### State-of-the-Art Equipment:

Use cutting-edge racing drones and simulators for training, practice, and competition.

## Key Components

#### Content

Fenworks' drone program builds skills in drone systems, repair, and safety, guiding beginners to become self-sufficient FPV racers with strong analytical and problem-solving abilities.

#### Drone Piloting & Racing

Students master drone piloting, building agility and speed in both real and simulator races. Courses challenge them with tight turns, obstacles, and straightaways that push reflexes and control to the limit.

#### Individual and Team Collaboration

Students can fly solo to build skills or join teams to develop teamwork, communication, and leadership.

#### FPV Racing (First-Person View)

Pilots use FPV goggles to stream real-time video from the drone's camera, creating an immersive flying experience as they navigate complex courses.

## Why Join?



#### Competitive Edge:

Be part of a high-tech, fast-paced sport that pushes your piloting skills to the max.



#### Innovation in Education:

Gain real-world experience in robotics, electronics, and systems engineering, enhancing your resume for future tech-driven careers.



#### Team Spirit:

Engage in a collaborative environment where teamwork and strategy are as important as individual skill.

## How to Get Involved

For more information about the program or how to start a drone racing team at your college, visit **Fenworks.com** or email us at **drones@fenworks.com**.

#### Lead the Pack. Take Off With Drone Racing

Empower yourself with skills that go beyond the classroom – pilot your future with drone racing.