

DRONE EDUCATION PROGRAM

Empowering Next-Generation Tech Leaders

A drone program for students ages 8–16



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SKYCHRIO DRONE ACADEMY

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WHY DRONE EDUCATION

A hands-on gateway into the technology of tomorrow

As drone technology transforms industries worldwide, early hands-on exposure is one of the best ways to prepare students for what comes next.



Real-World Technology

Students experience drone technology firsthand through hands-on flight and practical applications.

Future-Ready Skills

Piloting, teamwork, and problem-solving help students develop skills that support future academic and career pathways.

Rare Opportunity

Structured drone education is still rare in schools, so students gain an experience few of their peers have.

Global Momentum

From drone soccer leagues to international racing championships, drone sports and technology are gaining recognition worldwide.



INSTRUCTOR PROFILE

EXPERIENCE

- 5+ Years of Drone Education
- 80+ Commercial Projects
- International Experience in Drone Education

EXPERTISE

- Aerial Cinematographer
- Aerial Photographer
- Certified Drone Instructor
- DJI SkyPixel Award Winner

Education Philosophy

Learning by Doing

“Empowering students to develop creativity, critical thinking, collaboration, and confidence through safe, hands-on drone education.”



HOJAE AN

Drone Educator & Certified Drone Pilot

WHAT IS THIS PROGRAM ABOUT?

This program introduces students to drone flight, safety, and technology through hands-on, real-world experience.

01

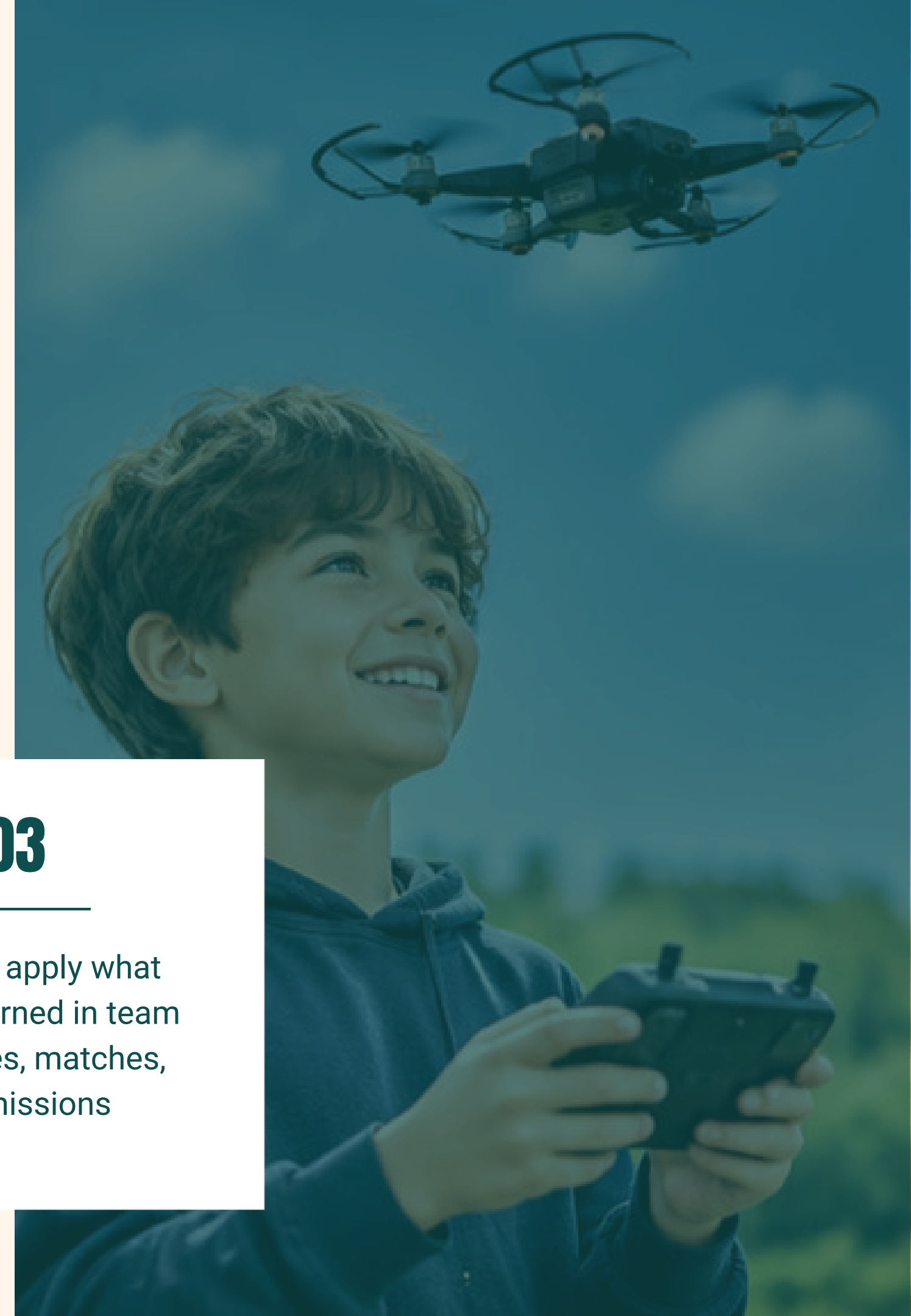
Students learn essential flight fundamentals — safety guidelines, drone basics, and beginner-friendly flight controls

02

Students build real piloting skills through structured missions — flight control, aerial photography, and teamwork

03

Students apply what they've learned in team challenges, matches, and missions



PROGRAM OVERVIEW

Hands-on, Mission-Based Drone Education

Our structured drone program combines hands-on flight practice with engaging challenges that develop creativity, teamwork, and problem-solving while introducing students to emerging technologies.



Hands-on Focus

Learning through hands-on drone flying, engaging missions, and real-world challenges.

Structured Curriculum

Step-by-step lessons that build confidence and skills through progressive learning.

Safe Learning Environment

Every lesson follows clear safety procedures with close instructor supervision.

Integrated Learning

An interdisciplinary program connecting technology, creativity, teamwork, and problem-solving.



PROGRAM IMPLEMENTATION



Recommended Age

8–16

Class Size

Maximum 10 students
per class

Session Length

60 minutes per session
(weekly or intensive format)

Equipment

Drone equipment provided by SKYCHRIO

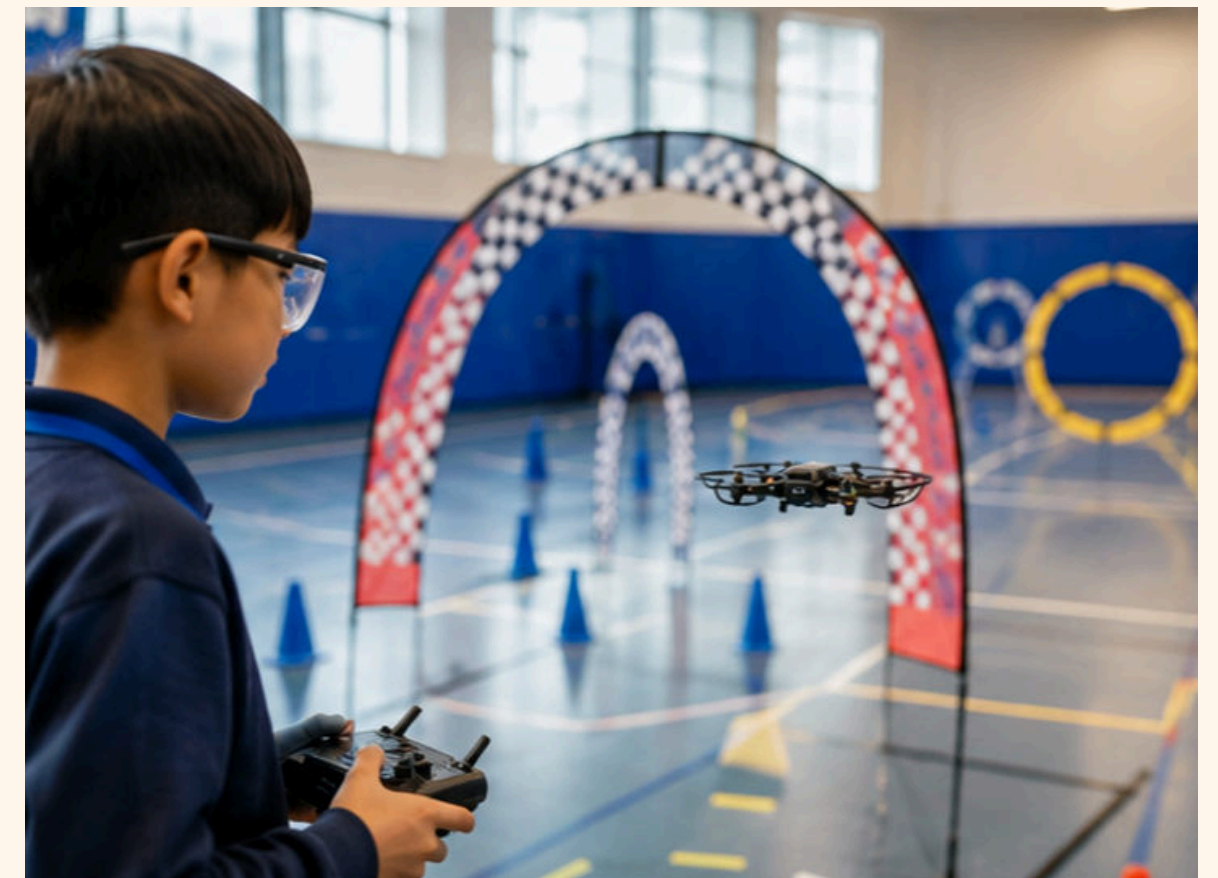
Safety

Pre-flight briefing, propeller guards,
and supervised flights

School Requirements

Indoor or outdoor space, a display screen,
and basic classroom support

(Aerial Filming editing sessions may require computers)



DRONE WORKSHOP

The first step into the world of drone technology

An introductory, hands-on program designed for students with no prior drone experience.



COURSE CONTENT

- Basic concepts and essential safety guidelines
- Hands-on experience with basic drone piloting
- Takeoff, landing, and maneuvering
- Circular and obstacle flight exercises
- Mission-based challenges and team activities

DRONE SOCCER

A fast-growing tech sport played worldwide

The first Drone Soccer World Cup was held in Jeonju, South Korea, in 2025, with teams from 33 countries competing.



COURSE CONTENT

- Basic rules and regulations of drone soccer
- Team formation and roles (Attack and Defense)
- Team tactics and positioning on the field
- Match strategies and game management
- In-school drone soccer matches

DRONE RACING

A fast-paced, technology-driven sport

On obstacle-filled circuits, students learn to pilot drones at high speeds. This program is designed to sharpen reflexes, hand-eye coordination, and mental focus under pressure.



COURSE CONTENT

- Basic operations and high-speed maneuvers
- Precision flight through gates and obstacle courses
- Rapid directional changes, acceleration, and deceleration
- Reaction-time drills and focus training
- Mini-competitions — individual and team-based

AERIAL FILMING

Merging technology and visual arts

Students progress from basic flight skills to confident camera work, creating their own videos using different angles and techniques.



COURSE CONTENT

- Basic safety rules and flight controls
- Aerial filming flight techniques
- Smooth and controlled aerial filming
- Composition, framing, and camera angles
- Basic video editing and content creation



DRONE WORKSHOP COURSE OPTIONS

Choose the course that best fits your needs.

FREE

1-Hour

Introductory Course

Basic flight experience and
essential drone controls

8-Hour

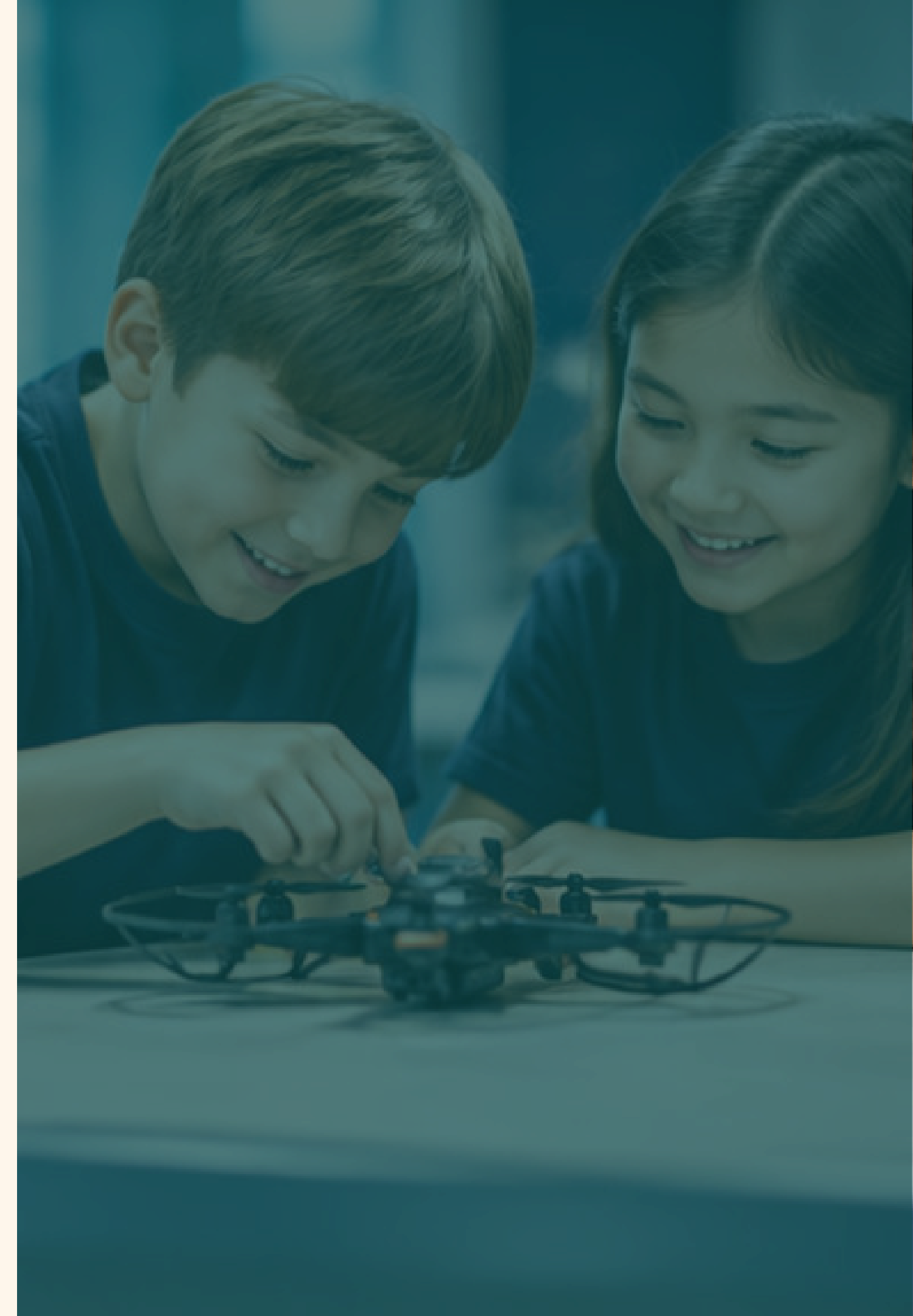
Foundation Course

Flight control, team
challenges, and a first
camera drone experience

CERTIFICATION & REWARD

8-Hour course → “Mini Pilot” Certificate

See the Appendix for the session-by-session curriculum.





DRONE SOCCER COURSE OPTIONS

Choose the course that best fits your needs.

1-Hour

Introductory Course

Basic rules, flight controls, and a first game experience

8-Hour

Foundation Course

Flight skills, team tactics, and match play

16-Hour

Comprehensive Course

Advanced skills, team strategy, and in-school tournaments

CERTIFICATION & REWARD



8-Hour course → “Mini Soccer Pilot” Certificate

16-Hour course → “Mini Soccer Pilot” Certificate + special gift

See the Appendix for the session-by-session curriculum.





DRONE RACING COURSE OPTIONS

Choose the course that best fits your needs.

1-Hour

Introductory Course

Fly your first lap
around a racing course

8-Hour

Foundation Course

Build essential skills
through closed-
course training

16-Hour

Comprehensive Course

Race under official timing
and full race rules

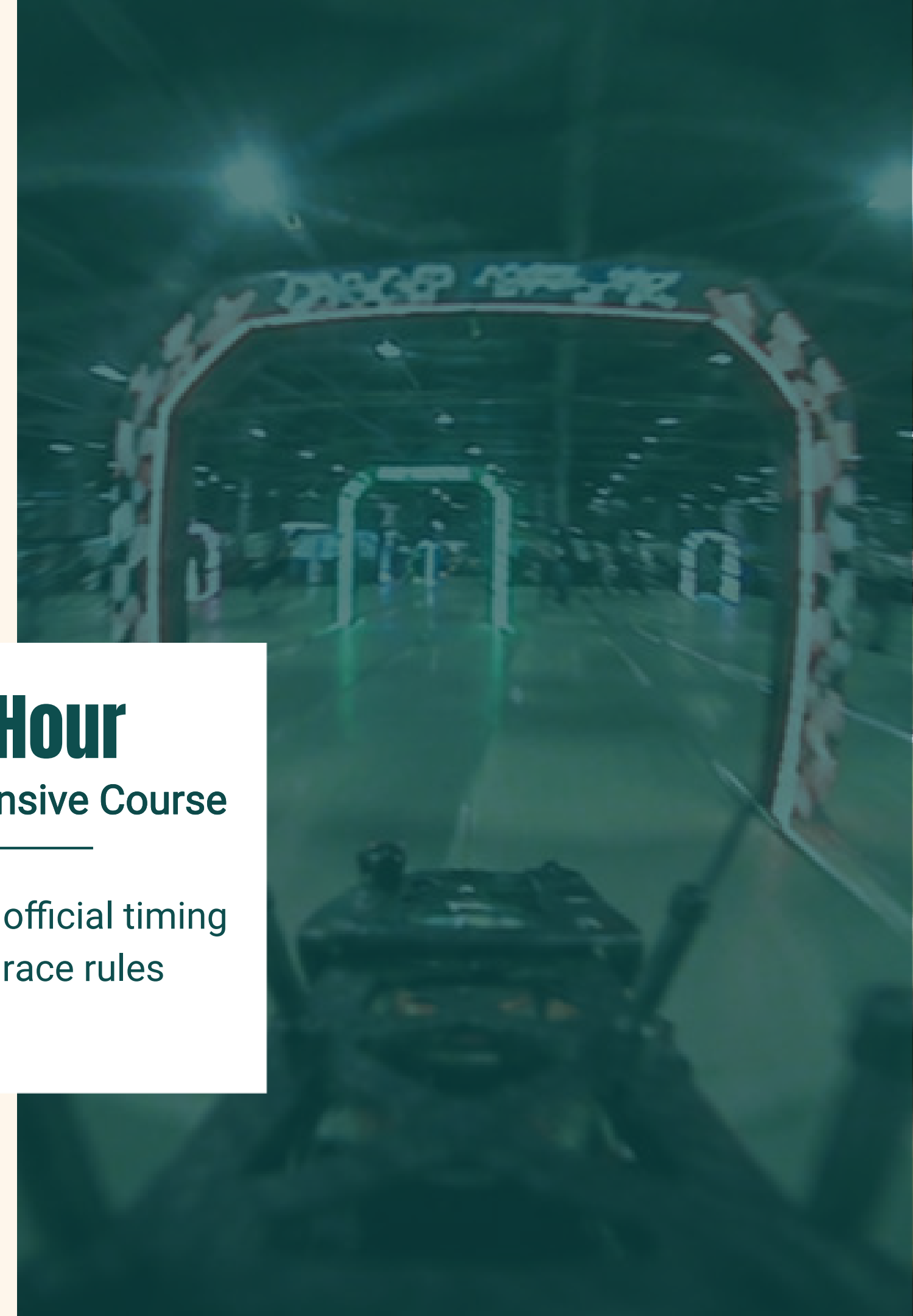
CERTIFICATION & REWARD



8-Hour course → "Mini Racing Pilot" Certificate

16-Hour course → "Mini Racing Pilot" Certificate + special gift

See the Appendix for the session-by-session curriculum.





AERIAL FILMING COURSE OPTIONS

Choose the course that best fits your needs.

1-Hour

Introductory Course

Try your first aerial shot
with a camera drone

8-Hour

Foundation Course

Plan, shoot, and edit
your first aerial video

16-Hour

Comprehensive Course

Capture aerial footage,
edit your work, and
present your own portfolio

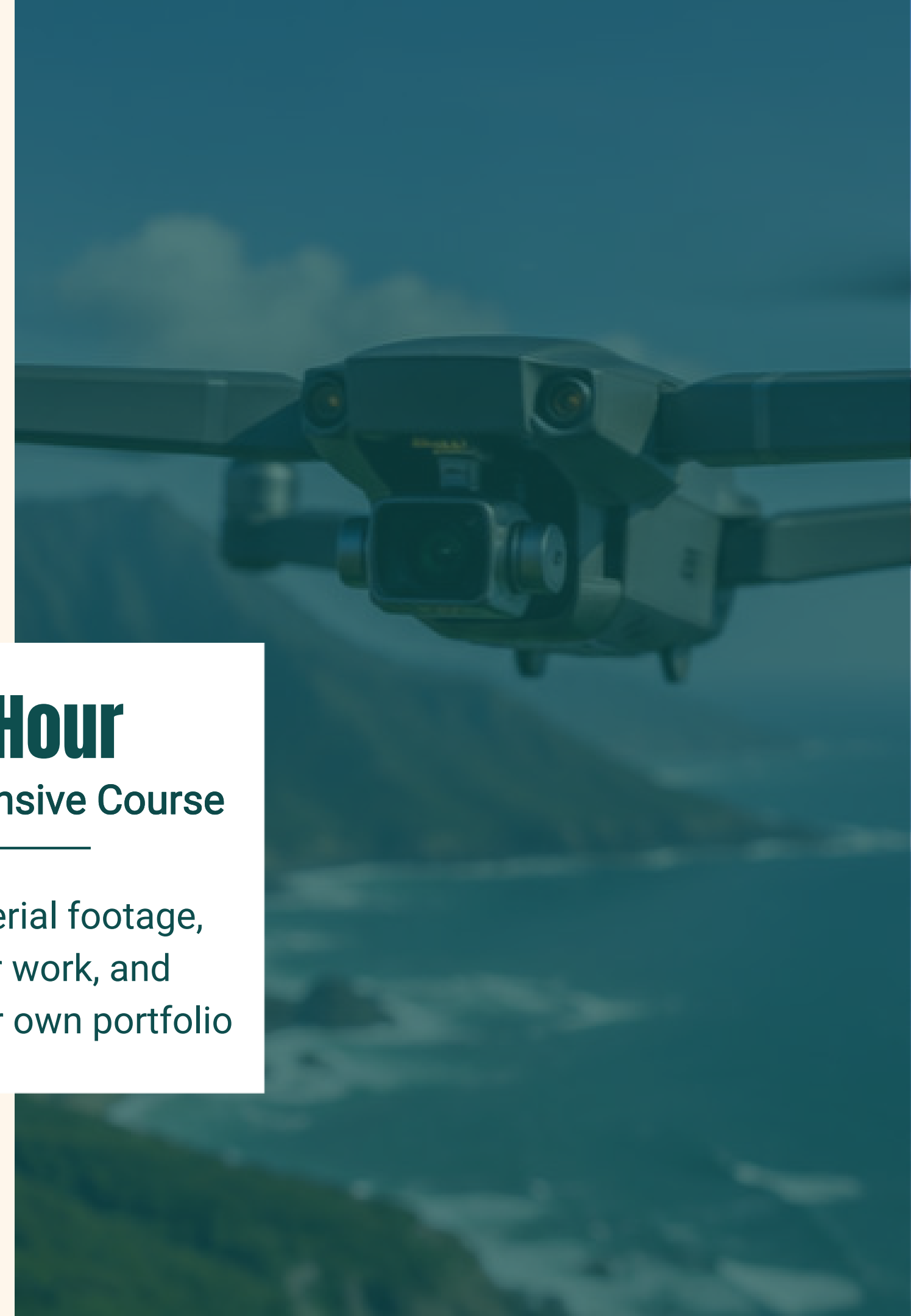
CERTIFICATION & REWARD

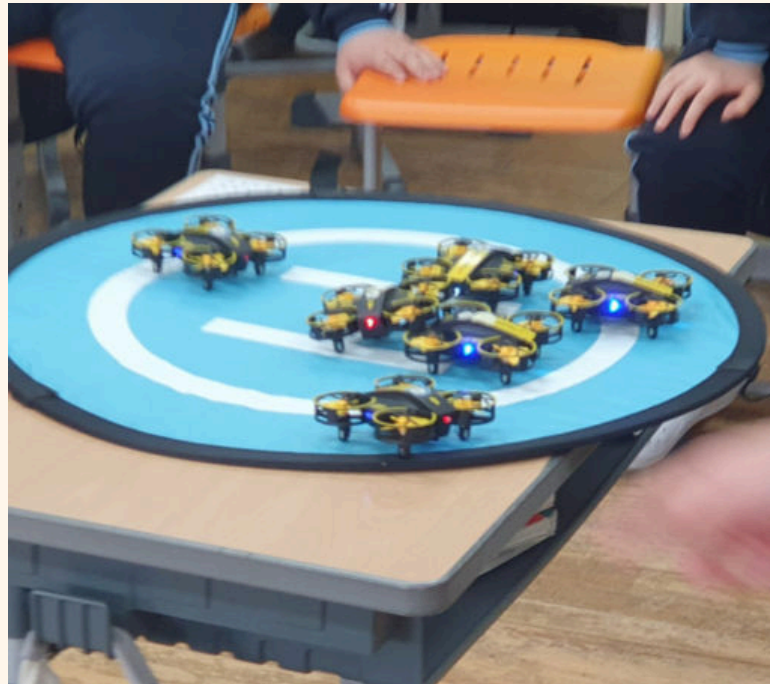


8-Hour course → "Mini Aerial Pilot" Certificate

16-Hour course → "Mini Aerial Pilot" Certificate + special gift

See the Appendix for the session-by-session curriculum.







Connecting Education to the Future of Work

More than just a hands-on activity, this program combines technology education with the development of essential soft skills for academic and future career success.

01. DRONE WORKSHOP

Problem Solving

Decision-making
through hands-on
challenges

02. DRONE SOCCER

Teamwork

Communication and
collaboration through
team activities

03. DRONE RACING

Focus

Concentration, precision,
and spatial awareness

04. AERIAL FILMING

Creativity

Creative expression
through aerial
photography and video



COURSE FEES

All rates are per student · Maximum 10 students per class · Minimum 4 students to open a paid class · The 1-Hour Drone Workshop is free — one session per school.

Course Option	Drone Workshop	Drone Soccer	Drone Racing	Aerial Filming
1-Hour Introductory Course	FREE	20 USD	20 USD	25 USD
8-Hour Foundation Course	120 USD	150 USD	150 USD	180 USD
16-Hour Comprehensive Course	-	250 USD	250 USD	300 USD



Free Demo Class

One free session — experience the program before you commit

Our 1-Hour Drone Workshop is free — one session per school.

Every student flies, so you can see how the program works before committing to a longer course.

FREE

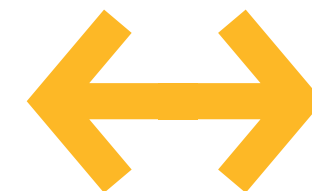
No Commitment

Try your first class with no cost and no obligation.



Hands-On Experience

Experience the program and its learning approach firsthand.



Tailored to Your School

Customize the program structure to your school's needs.

LET'S FLY TOGETHER

Book your free demo class and experience
our drone education program firsthand.

CONTACT

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SESSION-BY-SESSION CURRICULUM

DRONE WORKSHOP	<i>1H · 8H</i>
DRONE SOCCER	<i>1H · 8H · 16H</i>
DRONE RACING	<i>1H · 8H · 16H</i>
AERIAL FILMING	<i>1H · 8H · 16H</i>

Full lesson plans available on request.
Each session includes a brief theory component and hands-on practice.

SKYCHRIO DRONE ACADEMY

APPENDIX



1-HOUR COURSE CURRICULUM

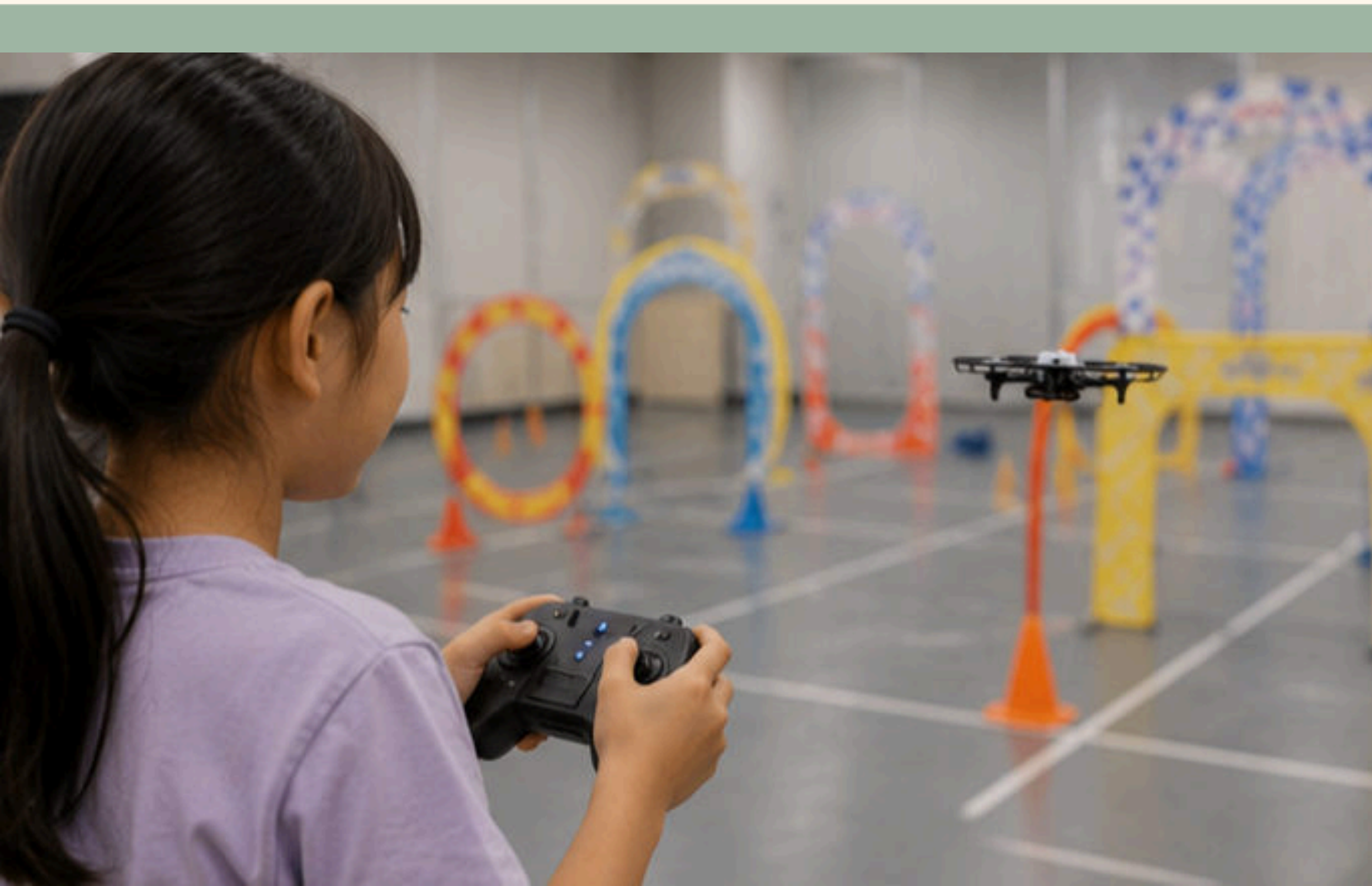


Session 1 • Flight Basics

Learn the basics of drones,
then experience your first flight with a mini drone.



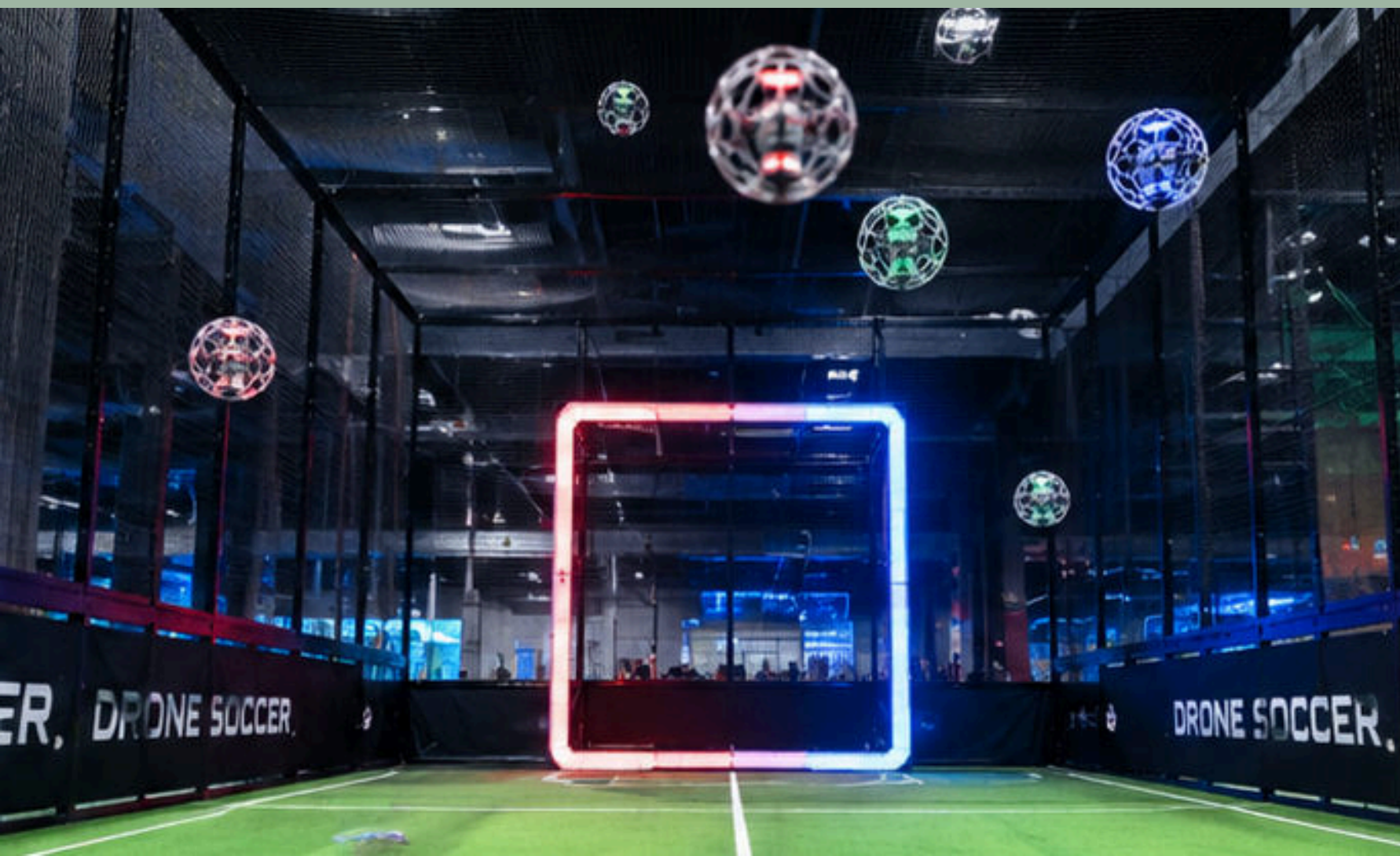
8-HOUR COURSE CURRICULUM



- Session 1** ● Simulator Flight
- Session 2** ● Takeoff & Landing Flight
- Session 3** ● Hovering Flight
- Session 4** ● Circular Flight
- Session 5** ● Obstacle Course
- Session 6** ● Territory Challenge
- Session 7** ● Team Mission Challenge
- Session 8** ● Camera Drone Experience



1-HOUR COURSE CURRICULUM

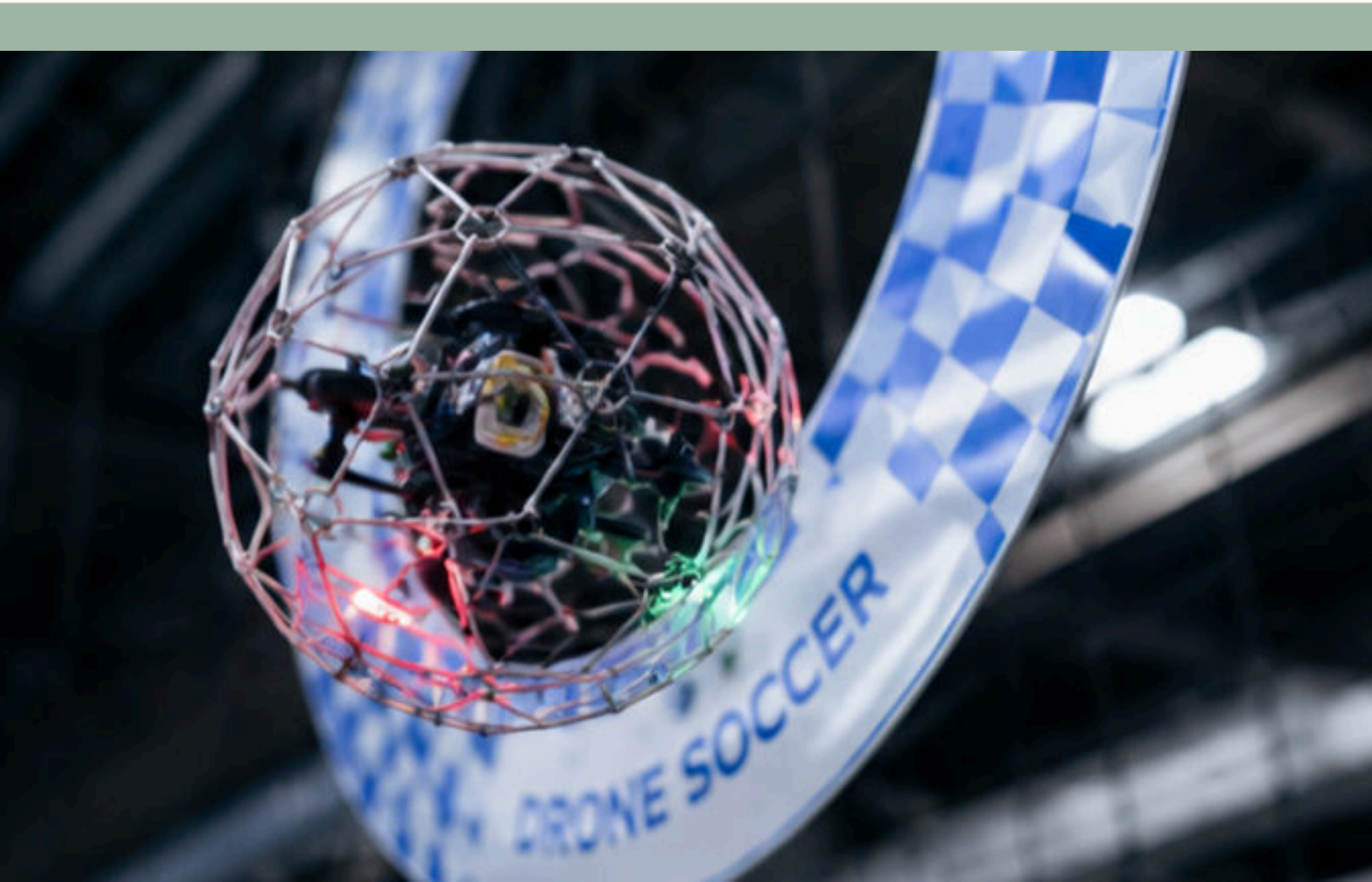


Session 1 ● Soccer Basics

Learn the basics of drone soccer, then score your first goal in a mini match.



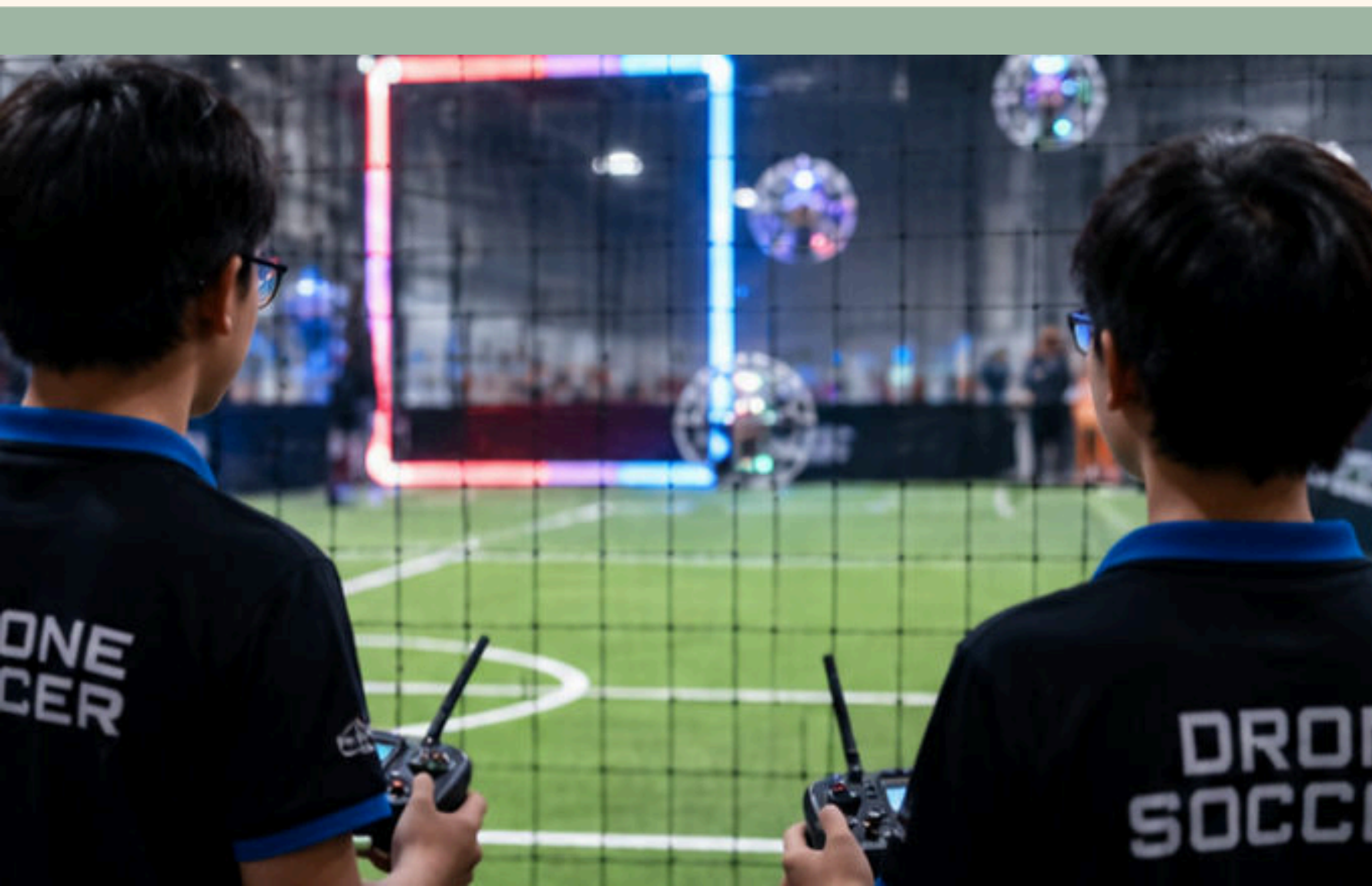
8-HOUR COURSE CURRICULUM



- Session 1** ● Simulator Flight
- Session 2** ● Takeoff & Landing Flight
- Session 3** ● Hovering Flight
- Session 4** ● Ball Control
- Session 5** ● Ball Handling
- Session 6** ● Bumper Battle
- Session 7** ● Positions & Team Tactics
- Session 8** ● Soccer Tournament



16-HOUR COURSE CURRICULUM



- Session 1** ● Simulator Flight
- Session 2** ● Takeoff & Landing Flight
- Session 3** ● Hovering Flight
- Session 4** ● Circular Flight
- Session 5** ● Obstacle Course
- Session 6** ● Ball Control
- Session 7** ● Ball Handling
- Session 8** ● Bumper Battle



16-HOUR COURSE CURRICULUM

- Session 9** ● **Positions & Roles**
- Session 10** ● **Rules & Refereeing**
- Session 11** ● **Team Tactics I**
- Session 12** ● **Team Tactics II**
- Session 13** ● **Practice Match**
- Session 14** ● **Soccer Tournament I**
- Session 15** ● **Soccer Tournament II**
- Session 16** ● **Soccer Tournament III**



1-HOUR COURSE CURRICULUM



Session 1 ● Racing Basics

Learn the basics of drone racing, then fly your first drone and try on FPV goggles.



8-HOUR COURSE CURRICULUM

Sessions 5–8 are flown in FPV mode using goggles.

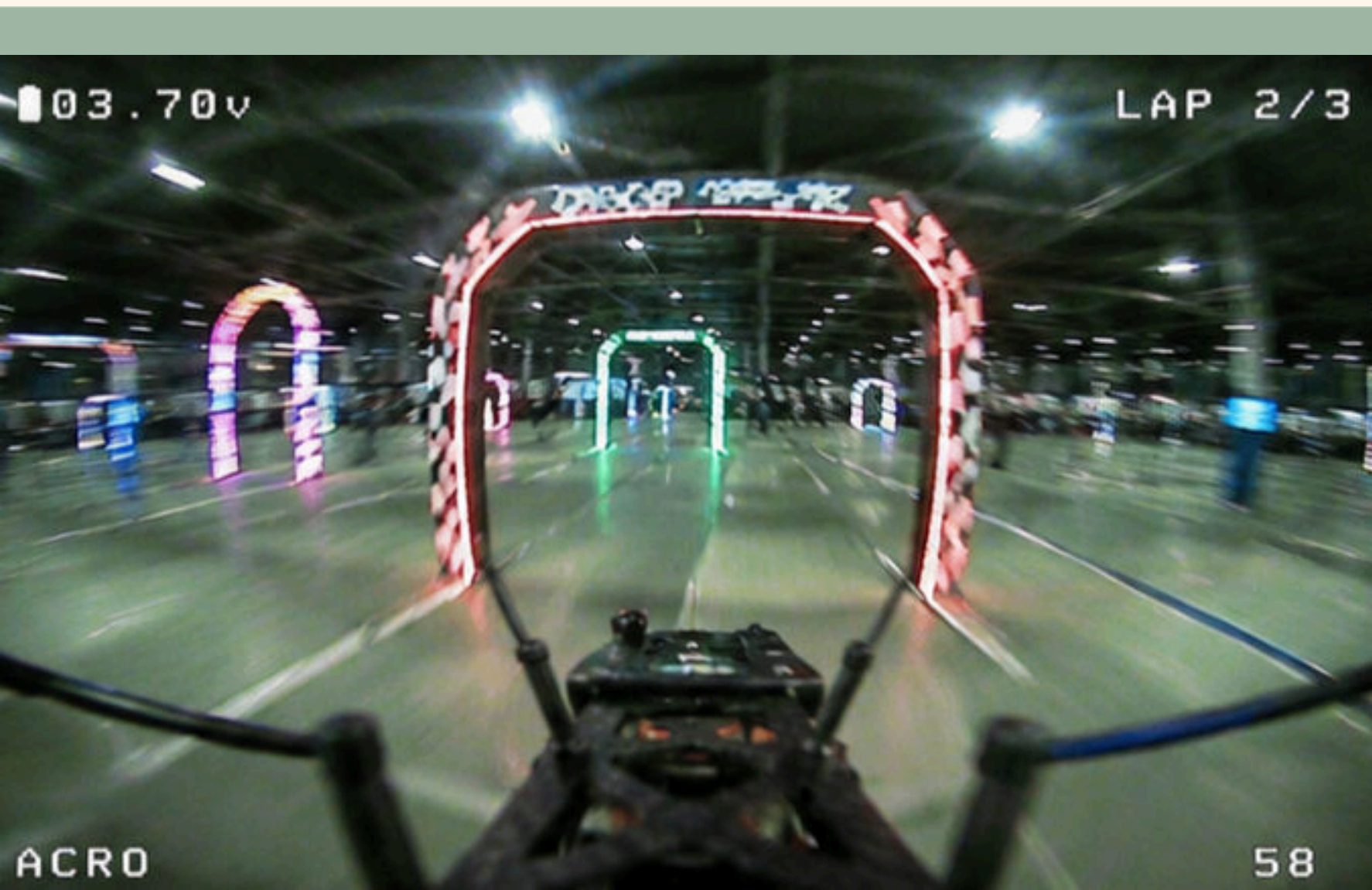


- Session 1** ● Simulator Flight
- Session 2** ● Acro Mode Simulator
- Session 3** ● Takeoff & Landing Flight
- Session 4** ● Hovering Flight
- Session 5** ● Directional Flight
- Session 6** ● Course Flight
- Session 7** ● Acro Mode Flight
- Session 8** ● Racing Tournament



16-HOUR COURSE CURRICULUM

Sessions 7–16 are flown in FPV mode using goggles.



- Session 1** ● Simulator Flight
- Session 2** ● Acro Mode Simulator
- Session 3** ● Takeoff & Landing Flight
- Session 4** ● Hovering Flight
- Session 5** ● Circular Flight
- Session 6** ● Obstacle Course
- Session 7** ● Spatial Training
- Session 8** ● Directional Flight



16-HOUR COURSE CURRICULUM

- Session 9** ● **Course Flight I**
- Session 10** ● **Course Flight II**
- Session 11** ● **Acro Mode Flight I**
- Session 12** ● **Acro Mode Flight II**
- Session 13** ● **Race Line & Cornering**
- Session 14** ● **Time Trial**
- Session 15** ● **Racing Tournament I**
- Session 16** ● **Racing Tournament II**



1-HOUR COURSE CURRICULUM



Session 1 ● Aerial Basics

Learn the basics of aerial filming, then take your first shot with a camera drone.



8-HOUR COURSE CURRICULUM



- Session 1** ● Simulator Flight
- Session 2** ● Takeoff & Landing Flight
- Session 3** ● Smooth Flight Control
- Session 4** ● Drone & Camera Setup
- Session 5** ● Composition & Shot Planning
- Session 6** ● Outdoor Shoot I
- Session 7** ● Outdoor Shoot II
- Session 8** ● Editing & Feedback



16-HOUR COURSE CURRICULUM



- Session 1** ● Simulator Flight
- Session 2** ● Takeoff & Landing Flight
- Session 3** ● Smooth Flight Control I
- Session 4** ● Smooth Flight Control II
- Session 5** ● Drone & Camera Setup
- Session 6** ● Composition & Shot Planning
- Session 7** ● Outdoor Shoot I
- Session 8** ● Outdoor Shoot II



16-HOUR COURSE CURRICULUM

- Session 9** ● **Shot Review**
- Session 10** ● **Outdoor Shoot III**
- Session 11** ● **Outdoor Shoot IV**
- Session 12** ● **Editing I**
- Session 13** ● **Editing II**
- Session 14** ● **Editing III**
- Session 15** ● **Final Edit**
- Session 16** ● **Presentation**

THANK YOU

CONTACT

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