

# CODERUSH 2026

■ RC CAR RACE · OFFICIAL RULEBOOK ■

## [ 01 / TEAM COMPOSITION ]

- Each team may have a **maximum of 3 members**.
- Members may come from **different academic years or departments**.

## [ 02 / RC CAR SPECIFICATIONS ]

- Max dimensions: **10 in (L) × 8 in (W) × 8 in (H)**.
- Cars must be **battery-powered** – no internal combustion engines.
- Voltage must **not exceed 12 V**.
- Speed/agility modifications allowed within voltage & size limits.

## [ 03 / RACE TRACK RULES ]

- The track features **obstacles, turns, and slopes**.
- Each car must complete the course within **3 minutes**.
- Teams are ranked by **fastest completion time**.

## [ 04 / EVENT STRUCTURE ]

- **Qualifying Round:** Teams race individually to post their best time.
- **Knockout Rounds:** Top qualifiers advance to head-to-head eliminations.

## [ 05 / CONTROL RULES ]

- Only **wireless remote controls** are permitted.
- Bluetooth, Wi-Fi, or **standard radio frequency** controls are allowed.

## [ 06 / SAFETY RULES ]

- Cars must have **no sharp edges**.
- **Explosive or hazardous materials** are strictly prohibited.

## [ 07 / PENALTIES & DISQUALIFICATION ]

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- Penalties applied for collisions with obstacles or going off-track.
- Violations of size, voltage, or safety rules result in immediate disqualification.

## [ 08 / SCORING ]

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- Score = time to complete track + penalty time for violations.
- Lowest combined time wins the round.

### DUAL-USE BOT – RC RACE + ROBO SOCCER

Your RC Race robot can compete in Robo Soccer as well. One robot, two events.

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Rules may be adjusted based on space, resources, and event requirements.  
Contact the organizing committee for any clarifications.

ORGANIZED BY

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ROBOTICS HEAD

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