Combat Robotics @ Cornell

Info Session

SIGN IN PLZ
Hype Video!

https://www.tiktok.com/@combatroboticsatcornell/video/7097734113884491051?is_from_webapp=1&sender_device=pc&web_id=7076284129226212910

Follow us on TikTok :P
Who We Are

- Combat Robotics @ Cornell (CRC)...
  - Is a fourth year robotics team that specializes in Battlebots.
  - Provides an outlet for passionate students to gain hands-on experience in engineering, design and business.

- Competition & Showcase:
  - Competition in Norwalk, CT in March (NHRL)
  - Showcase in Duffield in April-May
Meet the subteams
Kinetic

● **What we make:** Robust 12-lb robot with high kinetic energy weapon
● **Skills honed:** Fusion 360, machining, tolerancing, and more!
● **Apply** if you’re interested in learning about…
  ○ The mechanical design process
  ○ The destruction of metal
Subteam Description

Kinetic
Subteam Description

Sportsman

- **What we make:** Creative 12 lb. low-KE robot
- **Why we’re here:** To develop a unique, non-traditional combat robot, blending creativity with our engineering skills.
- **Skills honed:** Fusion 360, creative design process, interdisciplinary collaboration
- **Apply** if you’re interested in...
  - Problem Solving
  - Manufacturing
  - Unique robot design
What we make: autonomous robots that various wacky tasks

Skills honed: Programming in Python, Deep Learning, Computer Vision, and Circuit design

Apply if you’re interested in...

○ Make interesting ideas come to life
○ Programming
○ Circuit design
Subteam Description

Marketing

- **What we make:** Money and Media
- **Why we’re here:** To power the team through securing sponsorships, designing promotional materials, and maintaining a website and newsletter.
- **Skills honed:** Communication, graphic design, website administration
- **Apply if you’re interested in…**
  - Website design
  - Creating marketing strategies
  - Making professional connections
  - Using illustration in promotional materials
New Member Onboarding
New Member Onboarding

3lb Project

- **What you’ll make:** 3lb Bot with a group in the Fall
- **Why this project:** Gain experience on every subteam and catch up before hopping into subteams in the Spring
- **Skills honed:** Designing, CAD, Code Planning, Marketing, Budget Allocation, Part Speccing, (AOW)
Next Steps: Join us!
Why us!

- Technical skills training outside the classroom
- Startup spirit
- Our team culture
- We make TikToks
- Socials
Who we’re looking for

- No prior experience required!
- We want people who...
  - Are passionate
  - Desire to learn
Time commitment

- 9 hours a week minimum
  - 1 hour - full team meeting
  - 6 hours - training meetings
  - 2 hours - individual/group work
- 3 Credits starting in Spring
- Before applying to the team, make sure you will be able to commit at least this much time
How to apply

- Make sure we seem like the right team for you
- Project Team General Application
- CRC Application
  - [https://combatrobotics.engineering.cornell.edu/recruitment.html](https://combatrobotics.engineering.cornell.edu/recruitment.html)
- Round 1: Group Interview
- Round 2: Individual Interview
Questions?

Stick around to ask us questions now and check out our robots!
Email us if you have more q’s before the deadline:
combatrobotics@cornell.edu