





About Us

We are the Western Engineering Rocketry Team, a student group at Western University in London, Ontario. Since our founding in 2017, we've grown from building a cardboard rocket to crafting advanced carbon-fiber and fiberglass rockets. We aim to design, build, and test high-powered rockets for leading competitions, including the Spaceport America Cup and Launch Canada.

We are committed to continual improvement and providing hands-on learning opportunities relevant to the aerospace industry. Through bi-annual design reviews with mentors, faculty, and team members, as well as participation in global competitions with over 150 teams from 50+countries, we foster innovation, networking, and sustainability. Our goal is to deliver an industry-level experience that equips members for future success.

Our Team



Dylan Peters Team Lead



Cameron Brooks Team Lead



Matt Proulx Project Manager





Daniel Romero Avionics Lead



Luke Aliabadi Aerostructures Co-Lead



Nathan Nguyen Aerostructures Co-Lead



Alex Harnden Recovery Lead



Kayla Newbatt Propulsion Co-Lead



Owen Wason Propulsion Co-Lead



Nazar Yakubiv Airbrakes Co-Lead



Anikate Guleria Airbrakes Co-Lead



Graham Hidi Co-Payload Lead



Liam Freeman Co-Payload Lead

Prometheus 2021-22

- Western University & WE
 Rocketry's first successful rocket
 launch
- Launched to over 13,000 feet at Spaceport America Cup 2022
- Student-manufactured carbonfiber body with aluminummachined couplers
- Onboard payload engineered to collect atmospheric data, recovered successfully

Sapphire 2022-23

- WE Rocketry's ambitious highapogee rocket
- Designed to reach over 30,000 feet for Spaceport America Cup 2023
- Student-manufactured using advanced carbon-forging techniques

Hyperion 2023-24

- WE Rocketry's most precise rocket to date
- Launched to 9,000 feet at
 Spaceport America Cup 2024
- Student-manufactured with new subsystems, including airbrakes and a space bioreactor payload
- Successfully recovered after extensive design reviews and rigorous testing

Outreach



Clubs Day

Engage with multidisciplinary students to network and promote the team's mission and of course our sponsors!



Community STEM Advocacy

Present to community stakeholders to inspire collaboration, showcase projects, and advocate for STEM opportunities, while promoting our mission and highlighting sponsor contributions!



Model & Tripoli Rockets

Work to launch low powered rockets manufacutured by individual students to achieve certifications and increase knowledge in all subteams within the club!



Skill Workshops

The team will use sponsor provided materials and tools to further the innovation and knowledge transfer for members, creating the engineers of tomorrow with applicable and practical skills.

Sponsorship Tiers

High Elliptical Orbit

- \$500+
- LOGO PLACEMENT ON ROCKET
- SOCIAL MEDIA SHOUT-OUT
- LOGO PLACEMENT ON WEBSITE
- INVITATION TO DESIGN REVIEWS

DONATIONS CAN BE IN EITHER CASH OR MATERIAL VALUE!

Low Earth Orbit

UP TO \$500

- SOCIAL MEDIA SHOUT-OUT
- LOGO PLACEMENT ON WEBSITE





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