



# UWINDSOR Rocketry Team



## ABOUT THE TEAM

### WHY UWRT?

Comprised of over 20 talented individuals enrolled in Mechanical and Electrical Engineering, UWRT strives to build upon the success of past teams to accomplish goals never achieved by students at the University of Windsor.



UWRT consists of students from places all over the world; from Canada, Middle East, Asia, to Africa. Possessing a diverse collection of individuals with skills in software development, graphic design, to many aspects of Engineering allows the team to exceed every expectation.

Participating in IREC 2017 in Las Cruces Airport in New Mexico, UWRT placed 3rd in the Commercial Off The Shelf (COTS) rockets with an altitude of 10,000 feet category.

**For 2018, the team plans to build on that success:**

- A student researched and student developed solid propulsion motor is in the plans
- Composite Fiberglass and/or Carbon Fibre parts will be manufactured
- A functional CubeSat payload is being designed and built with the goal of relaying live flight video and info straight to the ground
- Altitude prediction software for accurate flight apogee is being further developed

**These will be accomplished for IREC 2018 but the team needs your help!**





**BRONZE**  
**\$0-\$249**

**SILVER**  
**\$250-\$499**

**GOLD**  
**\$500+**

| Invitation to Capstone Presentation | Logo on Rocket | Logo on Uniform | Logo on Website | Social Media/Video Recognition | Showcase Project at Your Discretion | Access to Team Resumes |
|-------------------------------------|----------------|-----------------|-----------------|--------------------------------|-------------------------------------|------------------------|
| YES                                 | SMALL          | SMALL           | SMALL           | SMALL                          | NO                                  |                        |
| YES                                 | MEDIUM         | MEDIUM          | MEDIUM          | MEDIUM                         | ONCE                                | YES                    |
| YES                                 | LARGE          | LARGE           | LARGE           | LARGE                          | TWICE                               | YES                    |

The team prides itself on the STEM outreach of local high schoolers and younger engineering undergraduates. Future rocket scientists and engineers are being given the foundation by showcasing all of the accomplishments through presentations and by allowing hands-on rocket building during team meetings.

Through mentorship of younger participants of the UWRT, they are being given the learned resources and experiences in Aerospace, Engineering, and STEM so they can surpass past achievements themselves.

By sponsoring the UWindsor Rocket Team, you are not only getting your name out there; you are giving students the opportunity to learn how to turn theoretical formulas and designs into real world applications

**CONTACT US**

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