



DCRT Sponsorship Package 2024-2025

Information for all interested in supporting the new
Dalhousie Combat Robotics Team

A letter from the DCRT Co-Presidents

Dear potential supporter,

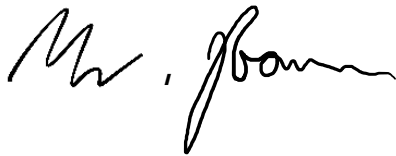
This is your chance to help foster a mechatronics uprising within Dalhousie's engineering community.

The word around robotics in recent months has been growth, for this reason we find it imperative for the engineers of tomorrow in our province to have a robotics specific outlet to prepare them for this wave of innovation within the field.

Simply put; for a team like ours, the time is right. The time is right for a new team at Dal to arise that encapsulates innovation, winning spirit, and most importantly, robotics.

We plan on showing the new generations engineering might, as it has always been our goal to do two things: win, and win again.

For your consideration,



Matt Gentleman & Jack Brown.

Co presidents of the DCRT

July, 2024





What is combat robotics?

Combat Robotics can be traced decades into the past. Since the invention of robots themselves 'lets make them fight' was a thought that hung in the air. In more recent years there have been tournaments, leagues, and even hit TV shows revolving around machines built to clash in epic gladiatorial combat.

The modern game is modelled after boxing, typically with two robots of the same weight class pitted against one another. Modern robots can range between 150 grams and 250 pounds and can utilize all manner of weapons, from spinners, to flippers, to flamethrowers! It's an exciting way for engineering students to exercise concepts learned in class in something they enjoy, and to work with their peers in an environment rich with ideas and with the freedom to try new approaches to classic computational, mechanical and electrical problems.



Our team

Our team is captained by Mr. Jack Brown, and Mr. Matt Gentleman, two engineering students at Dalhousie who share a common interest in the advancement of robotics technology. Although currently only numbering about a half dozen, the team will grow come the Fall semester, as there is significant interest within the faculty of engineering.

Our goals

Our team's goal for this academic year is to design, assemble and submit into competition: a battle bot. Our current, overarching goal is to compete in the National Havoc Robotics League (NHRL) in the spring of 2025 by participating in one of their open events, in Norwalk, CT.

In the event of a successful fundraising campaign (Which we classify as \$30 000 and above) we will submit a robot in the NHRL's highest weight class of 30lbs. If we do not raise enough to build a robot of that size, but enough to still travel to Connecticut for the event, then we will pursue a lower weight class in the same tournament.

In order to participate in a tournament this early, we aim to have completed the robot's assembly and code in time for the December break. This is to leave room for showcasing, practicing with, and collecting data on, the robot, before we take it to our first battle.

Our approach this year is to plan well ahead in terms of our design, such that time in the shop is not wasted, and there's always work to be done by any of our peers who decide to join the team. In the spirit of this strategy, we intend to have a completed design by the end of August, provided we are approved as an official Dalhousie design team.

In any case where we compete in Norwalk, our goal is to win the competition we enter. In the event we find ourselves with insufficient funds to submit our work in a competition this academic year, we intend to pursue this project regardless and complete as much of a robot as we can, in order to gain experience for subsequent years.

Sponsorship Levels

We understand that entities may be interested in other sponsorship arrangements, and we are more than willing to negotiate with sponsors and reach a partnership that is agreeable to both parties. We also understand that some partnerships may supply value in ways other than a dollar amount, this is acceptable for sponsorship levels silver and below. If a prospective sponsor wishes to contact the DCRT, they may do so at Matt.Gentleman@dal.ca, or at BrownJ@Dal.ca.



Platinum sponsor (\$10,000)

A platinum sponsor would be given advertisement space on the robot's armour, on our team banners and on the team website.

A platinum sponsorship will also include a brand specific social media post, in the week leading up to any of our competitions.



Gold Sponsor (\$5,000)

A gold sponsor would be given advertisement space on our team banners, team apparel, and on the team website.



Silver Sponsor (\$1000)

A silver sponsor would be given advertisement space on team apparel, and on the team website.



Bronze Sponsor (\$500)

A bronze sponsor would be given advertisement space on the team website.