

2024-2025





About Us

Troitsky, an annual bridge-building competition, has been hosted by Concordia University's Civil and Environmental Engineering faculty since 1984. The University of Toronto Troitsky Bridge Design Team was founded in 2017 by a group of passionate undergraduate civil engineering students dedicated to structural engineering and its practical applications. They aimed to create a club where students could apply their classroom knowledge to real-world projects. Our relentless efforts and past successes have sparked significant student interest in Troitsky. This year, we aspire to achieve even greater results and anticipate the competition's continued growth!

What we do?

Troitsky is a bridge building competition that consists of designing and building a model bridge out of only popsicle sticks, toothpicks, white glue and dental floss. Every team will go through the following design phases in preparation for the competition.



Design

- Design, prototype and iterate a bridge through AutoCAD and SAP2000
- Allows students to apply engineering principles to bridge design

Construction

- Students plan their bridge construction period and create quantity takeoffs.
- Using power tools, machinery, cutting workshops, and construction techniques to construct their bridge for competition



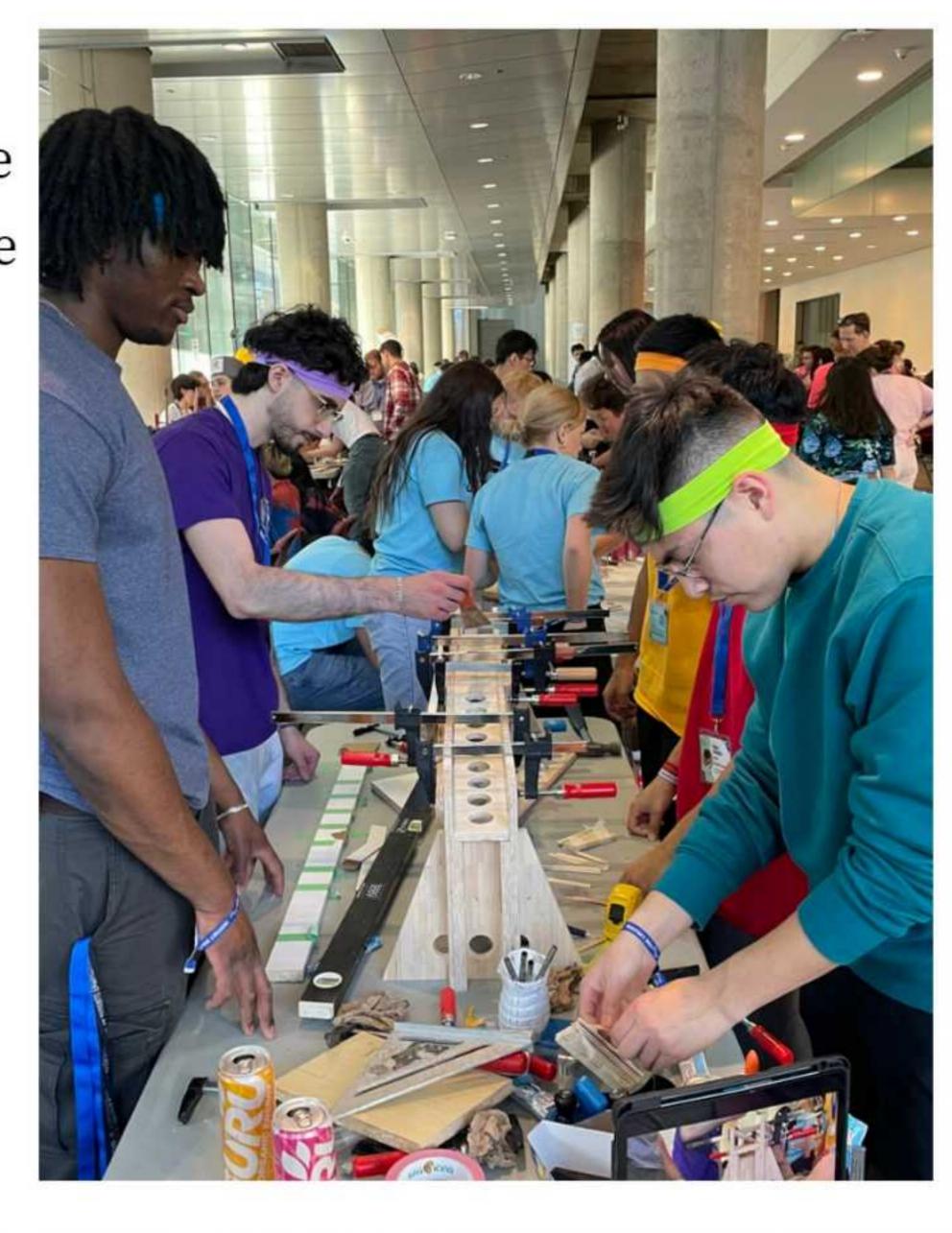


Competition

- Construction is completed during 3 hours of the competition and bridges are presented to a panel
- The bridges are tested via a hydraulic press and a moving load until failure

Our Goal

Our goal is for students to walk out of the competition with useful experience which would give them insight on large scale structural engineering and construction projects in real life. 2025 marks the ninth consecutive year that the University of Toronto will be participating in this competition. Our Troitsky teams have won first place against other major engineering programs in Canada from 2019-2022, and most recently in the 2024 competition, a team placed third overall.







Become a Sponsor

The University of Toronto's Troitsky Bridge Design Team is one of the premier civil engineering design teams on campus. We are highly respected for our achievements and the quality of our work in competitions. Here is your chance to get involved! Troitsky gives students the freedom to design a bridge while abiding to certain constraints. It gives students a chance to explore the field of civil engineering and to get a feel of what is to come in the industry. Sponsors would get national level exposure in this competition that involves all the major STEM universities in Canada.

01 — Networking Opportunity



Create, develop, and enhance your credibility as a dependable and supportive figure in the engineering community.

02 — University Level Exposure



Get involved with the University of Toronto engineering community sparking positive publicity and gain an audience that will be drawn to you.

03 — Social Media Exposure



Gain exposure through Troitsky's various social media networks, Instagram, Facebook, LinkedIn and more.

04 — Marketing Opportunity



Increase new sales and gain customers who are ready to take on opportunities to try new products, services, and promotions.

Sponsorship Levels

	BRONZE	SILVER	GOLD	PLATINUM
	\$500	+\$1000	+\$2000	+\$3000
Sponsorship Post on Social Media				
Sponsorship Feature on Team Website				
Company Feature in Troitsky Career Fair				
Small Name and Logo on Banner				
Large Name and Logo on Banner				
Name and Logo on Team Apparel				
Receive a Resume Book of Troitsky members				

Acknowledgements

The Troitsky Bridge Design Team here at the University of Toronto would like to personally thank you for taking your time to review our sponsorship package. Your support not only helps develop our team, but it also allows for us to help students reach their aspirations while achieving their full potential. We are open to any discussion if you have your own ideas. If you have any questions, do not hesitate to contact us.

