



Queen's
Engineering
Competition
2017

Sponsorship Opportunities

Beamish-Munroe Hall, Rm 106

Kingston, Ontario K7L 3N6

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www.quengcomp.ca

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The Queen's Engineering Competition

Queen's Engineering Competition, or QEC, is an annual event that allows engineering students from all disciplines to compete in groups and take on a variety of design driven challenges. The first-place team in each competition category will be given the opportunity to go on an expenses-paid trip to participate in the Ontario Engineering Competition to represent Queen's.



QEC is held annually in the Integrated Learning Centre at Queen's University, home to the Faculty of Applied Science and the Queen's Engineering Society. The two-day event consists of a new challenge, given each morning, time to brainstorm and problem solve, enjoy snacks and a lunch, as well as a final presentation to determine the winners.

This year we also plan to bring in a guest speaker for the opening ceremonies and create opportunities for student-industry networking during the lunch period.

The Queen's Engineering Competition is a weekend filled with good-spirited competition that creativity that promotes teamwork, innovation and organization. It showcases the excellent spirit and ingenuity that Queen's Engineering students are known for. Without the help of the Engineering Society, Queen's University and industry sponsors, QEC would not be possible.



Letter of Support

The 2017 QEC Committee

Beamish-Munroe Hall, Room 106

Kingston, Ontario K7L 3N6

Dear Sponsors,

I am writing on behalf of the Queen's Engineering Competition (QEC), under Queen's Engineering Society. Our executive team plans and oversees the annual event at Queen's University and has been working hard to ensure that the event is a success.

This year, our committee's primary goal is to further promote the professional merit of QEC. By involving industry guests and speakers as well as highlighting teamwork, critical thinking, and creativity we believe we can help students excel as engineers.

QEC is open to engineering students of all disciplines and graduation years. It brings out Queens' brightest and self-motivated students, many of whom are looking to learn more about the engineering profession. We strive to maintain the traditions of teamwork and pride engrained in our faculty and to put forth a positive image of engineers in our community. With your help, we can achieve these goals.

We believe that the best way to learn is by doing and QEC pushes undergraduate engineers to apply the knowledge and skills that they have learned in the classroom to hands on situations. The first place finishers are given the opportunity to represent Queen's University at the Ontario Engineering Competition. Each year, the QEC strives to minimize the cost to our student competitors. It is with the support of sponsors like yourself that it is possible to fund the event and send our delegates to compete at the provincial level.

By sponsoring this event, your company has the opportunity to incorporate advertisements on event merchandise, competition themes, our official website and more. It is also strongly encouraged to send a representative to help judge the events and network with delegates. We are happy to accommodate any alternatives to help sponsor QEC.

If you have any questions or concerns, you can contact me via email (qec@engsoc.queensu.ca). Thank you in advance for your consideration and support!

Sincerely,

Alex Everitt

Queen's Engineering Competition Chair 2017



Competition Categories

Consulting Engineering

Teams of four are given four to six hours to generate a solution to an outlined problem. Teams are expected to consider the economic, social and environmental aspects of their proposed solution. The solution will be presented in front of a panel of judges.

Engineering Communications

Teams of one or two students are asked to describe a technical subject in layman's terms to a non-technical audience. The presentation must describe the social, economic and environmental impact of the issue.

Coding

The coding competition allows bright young coders the opportunity to write software to solve an open-ended design problem. The code is reviewed by judges and the winner is determined based on success of the program, documentation and clean style.

Junior Team Design

Teams of four from either first or second year of their engineering program will design a solution to an open-ended problem within a limited timeframe and use limited materials. The prototype will be presented and demonstrated to a panel of judges.

Senior Team Design

Teams of four from either third or fourth year of their engineering program will design a solution to an open-ended problem within a limited timeframe and use limited materials. The problem will incorporate coding and mechatronics aspects. The prototype will be presented and demonstrated to a panel of judges.

Parliamentary Debate

Teams of two compete to convince judges of their assigned stance on a subject that is disclosed only minutes prior to the competition. Teams are judged based on their persuasiveness and well-constructed arguments within a minimum amount of preparation time.



Sponsorship Goals

We strive make the event as memorable as possible while minimizing costs to competitors. Through detailed financial analysis, we have estimated that we must raise approximately **\$2500** from various sponsors. All sponsors are encouraged to send a guest representative to judge an event and network with competitors during the lunch break, during which food will be provided to those in attendance. Sponsors can have their companies incorporated into the event in various ways including but not limited to the opportunities detailed below and we encourage you to reach out with any ideas you may have.

Title sponsor (1 opening at \$1000):

The event will be referred to as the Queen's Engineering Competition sponsored by your company. Your logo will be featured large on the T-shirt we give to competitors as well as the event banner that will be hung in the Integrated Learning Center. We will also feature your logo and reference to your website in a central area of the official QEC website.

Tier 2 sponsor (6 openings at \$200):

Your logo will be featured on the back of the competitor T-shirt and on the event banner that will be hung in the Integrated Learning Center. We will also feature your logo and reference to your website on the official QEC website.

Tier 3 sponsor (\$100 each):

We will feature your logo and reference to your website on the official QEC website and give you a special thank you during the event.

Sponsorship through Donation:

Instead of financial support, sponsors provide our event with merchandise, gifts, and prizes for the event. We will distribute your company's donated product to the competitors or provide it as an award to the top placing teams, depending on the quantity donated.



Contact Information

The 2017 QEC Committee hopes that this sponsorship package has shown you that QEC is a great opportunity for you to gain exposure, network with promising young engineers and enjoy some good-spirited competition.

Please do not hesitate to contact us with any questions or concerns that you may have. We look forward to speaking with you soon.

Chair Email: 15aje@queensu.ca

QEC Email: qec@engsoc.queensu.ca

Website: www.quengcomp.ca

Mailing Address:

Engineering Society of Queen's University

Beamish-Munroe Hall, Room 106 Queen's University

Kingston, ON K7L 3N6



Sincerely,

The 2017 QEC Committee