Comité étudiant
Institut Courtois

Université de Montréal

Student Robotic Competition Rule Book

Competition Goal

The Student Committee of the Institut Courtois is happy to present the first edition of its Student Robotic Competition. This competition aims to offer all undergraduate, M.Sc., Ph.D. students, and post-doctoral researchers of the Université de Montréal and other universities a chance to put in practice their knowledge in electronics, programming, and science in a real competition. The goal is for students to create, program, and test their own original creations and present them in front of other competitors and a jury.

Competition Rules

The final project will be presented in person during the closing event in late April or early May 2027 on Campus MIL (date to be determined). Each team will need to present its robot and a poster containing information about the robot and other relevant information. A demonstration of the robot in action must be given during the presentation on site. If an on-site demonstration is not possible, a video will be accepted. Attending the different webinars is not mandatory but is strongly advised. Any substantial help from outside the team and the webinar professors is not allowed and may lead to disqualification. Any use of Artificial Intelligence (AI) must be disclosed in an effort to ensure a fair competition. The project will be judged on the quality of the poster, quality of the robot and the originality of the problem chosen. Three prizes will be given after deliberation of the jury at the end of the presentation day. The project must fit within a scientific context and be an original creation. Any violation of this requirement or proof of non-originality may lead to disqualification at the discretion of the jury.

Registration

It is highly advised to fill the preregistration form to allow better preparation of the competition (Formulaire d'intention (Expression of Interest Form) – Formulaire prérempli). Each person who wants to participate must fill up the official registration form, which will be open on December 9, 2026. Registration fee of 75$ is asked to all graduate participants (post-doctoral, M.Sc. and Ph.D.) affiliated with the Institut Courtois. The registration fee for students not affiliated with the Institut Courtois is 100$, and gratuity is offered to the undergraduate participants. The students can ask their supervisor whether it can be refunded. The registration and the payment of the registration fee will be made via the plateform Le Point de Vente. A proof of payment will be provided and may be used for refund requests. The participants must attend the first meeting, December 9, 2026 from 1 to 4 PM. Each team will be registered during the beforementioned meeting.

Team Rules

Each team must be composed of at least 2 graduate students (M.Sc., Ph.D., or postdoc) and be composed of 4 to 5 people. Each team must identify at least one professor who will be responsible for the team. A professor can be included in one team only. The participant must inform their own research advisor of their participation at this competition. Places will be allocated on a first-come, first-served basis. Each team is free to organize themselves as they want, meeting and means of communication is at the discretion of the team.

Institut Courtois

Funding

Each project must fit within a budget of maximum 300 $CA, accounting only for the hardware (i.e. electronic parts). Receipts must be provided at the end of the competition. In the absence of proof of purchase, the project may not be reimbursed. An additional budget of 100 $CA per team is allocated for poster printing, at the condition that the committee receive the related receipt before the end of the competition.

Further communication to the participants will be done using the official comity email (i.e. comite-etudiant-ic@fas.umontreal.ca)

Any further question concerning the competition can be addressed to comite-etudiant-ic@fas.umontreal.ca.

Institut Courtois
Faculté des arts et des sciences

Université de Montréal