Queen's RoboMaster Team

Article I: Objectives and Mission

1. The Queen's RoboMaster Team (QRM) is robotics team for students who foster innovative ideas, solutions, and have an immense passion for design and robotics. We carry the combined desire to compete in the annual robotics competitions such as the International RoboMaster competition and the IEEE: ICRA AI Challenge.

2. As a constantly growing university club, we aim to provide students exposure to real world engineering design, an appreciation for engineering, and a sense of accomplishment. The team aims to teach mechanical, electrical, and computer software design skills, through the creation of robots. In addition to technical skills, we encourage the development of project management, communication, and other industry-transferable skills which are critical to success in today's modernized society.

3. We aspire to explore the ever-advancing field of artificial intelligence and computer vision to remain at the forefront of this technology. Our team desires to create leading autonomous robots through the development of advanced solutions, algorithms, and materials.

4. We recognize the strong sense of community at Queen's University and intend to contribute to this outstanding culture by promoting STEM to people of all ages and backgrounds. QRM supports learning within the community, and accordingly provides teaching and mentorship opportunities for local students, in addition to helping out other STEM related teams fulfill their objectives.

Article II: Conditions of Membership

1. Members may be eligible to join the team provided they are a current student at Queen's University.

2. Members can be from any faculty or field, although most members are in engineering, computer science, physics or other related areas of study.

Article III: Governance

1. The governing body of the Queen's RoboMaster Team is to consist of a president, other executives with positions as defined in Article IV, and general members, who can join subject to the conditions set in Article II.

2. The Faculty Advisor should be a professor who has experience in certain areas of electrical and computer engineering including robotics, computer vision, artificial intelligence, or software etc.

3. The executive positions are decided through an onboarding committee consisting of the President and his/her appointed members, who can conduct interviews and questionnaires to ultimately select students to fill positions, including but not limited to the following:

a. President/Captain: The President and Team Captain ensures the objectives outlined in Article I are fulfilled throughout the year and that the executive team is striving to carry out tasks effectively and within any required deadlines. They also are the primary representative when communicating with robotics competition organizations.

b. Vice-President: The Vice-President acts as a back-up to the President if required at meetings, or as a representative at external team events. The Vice-President can also be a signing authority and point of contact for AMS and the Engineering Society.

c. Operations Manager: The Operations Manager is responsible for directing the activities of the team including meeting room booking, relationships with any university societies, and financial/sponsorship related activities.

d. Project Manager: The Project Manager plans the entire technical progression and ensures deadlines are being met. When large deviations occur from the plan, they are to let the President know and create solutions accordingly with the other executives.

e. Accountant/Financial Manager: The Financial Manager is required to produce and update balance sheets and budgets as well as collect and manage the funds that the team receives.

f. Embedded Systems Lead: Directs the meetings, assigns work, and manages the embedded system technical design

g. Artificial Intelligence & Machine Learning (AIM) Lead: Directs the meetings, assigns work, and manages the AI and computer vision development and implementation.

h. Sponsorship Manager: Advertises the team through various means. They are also responsible for finding new sources of funding for the team and are required to be present at all fundraising events.

i. Public Relations/Social Media Manager: Acts as a liaison between the team and the Queen's community. The public relations executive is responsible for maintaining the team website and various social groups.

Article IV: Impeachment

1. Impeachment of an executive member is warranted through the following grounds:

a. Duties and/or responsibilities are not preformed adequately or have shown consistently minimal effort.

b. Any behaviour deemed inappropriate by any other team member.

c. Continued lack of attendance at executive meetings without justified reason and/or communication to President.

d. Theft of equipment or supplies or deliberate damage to any property of Queen's RoboMaster.

2. Impeachment requires a simple majority vote by the executive for grounds 'a' through 'c'. Any team member committing an action classified by ground 'd' will be immediately dismissed from the team and will not require a vote.

Article V: Finances

1. Banking transactions, record-keeping, and is conducted by the "Accountant/Financial Manager"

2. The bank that will be used for the team's account will be Scotia Bank.

3. Each cheque must have the signature of the Accountant and either the President, Project Manager, or Operations Manager. There must be two different signatures on each cheque.

4. The Accountant, if on leave for extended periods of time may extend his or her ability to sign checks to any executive member, he or she deems responsible. This member must also be agreed upon by the President.

5. All funds are to be accumulated through sponsorship, internal fundraising, and grants from EngSoc, the Faculty of Engineering and Applied Science and the AMS. Any amounts exceeding those stated in the constitution(s) will be dealt with according to the procedures stated in those respective policies.

Article VI: Membership Fees

1. There are no paid positions within the team and no membership fees.