

**ARTICLE I. NAME OF STUDENT ORGANIZATION**

The organization shall be called Triton Robotics at UCSD. The name and branding of Triton Robotics shall not be used for business purposes in any kind without permission from executive boards at Triton Robotics.

**ARTICLE II. STATEMENT OF PURPOSE**

We strive to promote a comprehensive robotics community at UCSD for students from all majors, by providing students with actual hands-on experience of building robots in mechanical, embedded, and computer vision divisions. Accordingly, we have prepared corresponding tutorials to help new members get familiar with basic robotics knowledge. We actively engage in communication with professors from different departments to get technical help and provide the best experience for our club members. The environment of the club can help our members get prepared for their future careers.

All of our projects are designed around the RoboMaster competition organized by DJI (Da-Jiang Innovations) and hosted in Shenzhen, China. We participate in this annual international robotics competition. North American teams would have to take part in the North American regional competition, and the top teams would be invited to the final tournament in China. The competition logistics are subject to change depending on our situation.

**ARTICLE III. NONPROFIT STATEMENT**

Triton Robotics at UCSD is a non-profit student organization.

**ARTICLE IV. REQUIREMENTS FOR MEMBERSHIP**

**1. Official Members:**

- a. Members must be passionate about robotics, be respectful and supportive to everyone in this club.
- b. A minimum of 15 hours commitment is required for every member every week (except week 10 and final weeks). Members constantly failing to meet this requirement will face suspension of membership.
- c. A quarterly club due of \$20 dollars would be charged for material purchasing, prototyping, and testing purposes. The fee can be waived or postponed by condition according to the financial situation of the member. Failing to pay the dues without waiver for two quarters will disqualify the member from the club.
- d. Active members who present outstanding ability in leadership and technical skills would be promoted to project leads.
- e. Trainees who pass our trainee program and meet the standard of the club will be accepted as official members

**2. Trainees:**

- a. Students registered at UCSD from all majors and all years can join the club by submitting

applications and taking an interview. We might send out acceptance letters in a lottery due to our limited capacitance.

- b. Trainees are supposed to do a 3-week training program to get familiar with robotics and submit a capstone project for review. The final decision of whether a trainee is accepted or not will be given at the beginning of the consecutive quarter.
- c. No dues are required for trainees.

3. The president of Triton Robotics reserves the right to change the requirements.

#### **ARTICLE V. FREQUENCY OF ORGANIZATION MEETINGS**

The general meeting would be held every Saturday, and an 8-hour working session is expected. Each member is allowed for two absences for the general meeting with reason in each quarter. Subteam meetings for each project team shall be organized by the project leads during the middle of the every week, the attendance criteria shall be set up by the team leads. Executive board meetings are required during the middle of every week unless there is an emergency.

#### **ARTICLE VI. QUALIFICATIONS FOR HOLDING OFFICE AND METHODS OF SELECTING AND REPLACING OFFICERS**

Only registered UCSD students may hold office in the organization. Only registered UCSD students may vote in elections for the selection of the organization's officers.

The president of Triton Robotics shall provide a master plan and direction for the club during their term and ensure the club meets the requirements of the university and RoboMaster. The new president shall be solely designated by the previous president.

The executive boards have many roles including recruitment, finance, public relation, and operation. The recruitment executive board is in charge of sending notification to our potential new recruits, reviewing the application, interview, trainee program designing and progress checking, and social events within the club. The finance executive board is in charge of controlling the budget, keeping an itemized record of the cost, and securing funds from the school. The public relation executive board is in charge of regulating social media and reaching out to companies for potential sponsorships. The operation board will be in charge of making arrangements to the internal affairs including checking up the attendance, reserving space for events, and mediating conflicts. The executive board shall be designated by the new president.

Division leads (mechanical, embedded, computer vision) oversee the work progress of the division and make plans and adjustments for the technical part. The division leads shall be elected by the members of the division based on their leadership and technical knowledge.

Sub-team leads are the people that members will look up to. The way they run sub-teams and the progress that they produce will set the tone for the rest of the club. Subteam leads shall be designated by the president to members who step up for projects.

#### **ARTICLE VII. RISK MANAGEMENT**

Triton Robotics at UCSD is a registered student organization at University of California, San Diego, but not part of the University itself.

Triton Robotics at UCSD understands that the University does not assume legal liability for the actions of the organization.

The org will most likely work with many advanced technical tools such as 3D printer, Lasercamm cutter, and some other machinery. Also, at least 12 members of the org must be able to travel internationally, specifically to China, over summer. Fortunately, the sponsor of the contest has promised to help with any VISA related issues as well as reimbursing 6 org members travel fees and providing local college dorms as places to stay during the contest period.

Triton Robotics will designate a Safety Officer for each project. Safety Officers are responsible for ensuring that all members are properly trained in UC San Diego policies and procedures, including lab policies, and that they have proper training in all machines being used during the project.

**ARTICLE VII. SECTION 1. IN CASE OF INTERACTION WITH MINORS AND/OR THE ELDERLY**

Triton Robotics at UCSD is aware that all registered student organizations that serve minors or the elderly have access to training on child and elder abuse prevention for its members via the Center for Student Involvement, online or in person (in person by request only). Triton Robotics will develop plan(s) for activities and events where members will be interacting with minors or the elderly such that members will receive education and/or training on Child Abuse Neglect Reporting Act (CANRA), common sense measures to both avoid child or elder abuse allegations (i.e. avoiding one-on-one situations; working with minors in plain view of others; limiting calls/texts/social media posts or other communications with minors), and how to properly report potential harm or neglect to minors or the elderly with whom they are working.

**ARTICLE VII. SECTION 2. IN CASE OF THE PROVISION OF MEDICAL ASSISTANCE**

In the event that Triton Robotics at UCSD provides medical assistance to a community, all volunteers will work under the direction of licensed professionals (doctors, nurses, counselors, etc.). The University does not recommend that students provide medical assistance.

**ARTICLE VII. SECTION 3. IN CASE OF INTERNATIONAL TRAVEL**

Triton Robotics at UCSD recognizes that the University generally recommends against all international travel by Student Organizations due to the myriad of risks travelers face in foreign countries. Student organizations are discouraged from traveling to foreign countries due to the wide variety of risks involved with foreign travel, and the extensive planning efforts required by the Student Organization's Members to manage those risks. Security risks and health care services vary widely from one country to another, so thorough research on those topics is especially important.

International travelers are advised to research US State Department Travel Advisories and the CDC Travel Health site and abide by all recommended alerts and warnings, and procure travel

insurance with medical coverage that covers their chosen destination because most USA Health Plans are not valid in foreign countries.

**ARTICLE VII. SECTION 4. IN CASE OF HANDLING OF HAZARDOUS CHEMICALS, MATERIAL, EQUIPMENT, AND/OR MACHINERY**

Triton Robotics at UCSD recognizes that all student organization activities must be conducted safely, in accordance with all applicable federal, state and local laws. Additionally, Triton Robotics at UCSD will abide by UC San Diego requirements for students in labs, including policies for minors in UC laboratories, and ensure members receive safety training regarding the use of chemicals and/or machinery before entering the lab. Members must follow any best practices and lab safety protocols for the use of such chemicals, research equipment or machinery, including the appropriate use of Personal Protective Equipment, and should work under close supervision of those trained in the handling of chemicals/use of research equipment or machinery.

**ARTICLE VIII. COMMUNITY ADVISOR**

Triton Robotics at UCSD selects community advisors based on needs and schedule conflicts. We are students looking to apply our class theories into meaningful projects. Not every student will know the answer to everything so advisors are chosen based on their expertise in a respective field. They will serve annually, and can continue serving as an advisor if desired. Otherwise, the organization will search for another qualified advisor. The role of the advisor is to educate students on topics they are not familiar with and to assist with any conceptual questions.

**ARTICLE IX. FINANCIAL MANAGEMENT**

Sponsorships and TESC will assist with the funding for this organization. All finances will be relegated to the Finance Team which will be tracked on a document. All purchases will be initially purchased by the members, and reimbursed at a later date. Robomaster, the competition organizer, reimburses a portion for flight expenses, however, the rest of the cost will be covered by the members. If the organization earns any bonus from the competition, a portion of that will be given as a prize to recognized members who contributed significantly during the competition.

**ARTICLE X. AFFILIATION WITH OTHER GROUPS**

In the case that Triton Robotics at UCSD collaborates with other clubs or organizations, we will respect all persons from their respective organization. We represent a diverse group of engineers who strive to set an example for UCSD students. We have no political, business, or cultural affiliation other than UCSD. Our commitment to excellence is paramount.