
By-Laws

Miami Coral Park Senior High School RamTech 59



Amended:

11 May 2017

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Title I: RamTech Club

ARTICLE I: NAME & PURPOSE

Section A: Name

The name of this club shall be RamTech.

Section B: Purpose

The purpose of this club shall be:

- A. Increase the knowledge and understanding of our technological world through the aspects of the STEAM curriculum.
- B. Assist technology education students in the making of informed and meaningful career goals.
- C. Construct projects to aid students in the principles of engineering.
- D. Develop, through individual and team work, the ability of members to plan, organize and use a variety of resources to solve problems.

ARTICLE II: MEMBERSHIP & DUES

Section A: Eligibility

- A. Membership shall be open to students who maintain a GPA of 2.5 or higher and do not exceed 10 unexcused absences or 20 tardies upon payment of the dues.
- B. Progress Report/Report Card checks will happen every four and a half (4.5) weeks.

Section B: Dues

Dues shall be dependent upon the events in which the members partake.

Section C: Competitions/Field Trips

At all RamTech sponsored competitions/field trips, students must wear a RamTech T-Shirt. Without the T-Shirt, students will not be allowed to participate.

ARTICLE III: OFFICERS

Section A: Officers

The officers shall be a President, Vice-President, Secretary, and Treasurer.

Section B: Eligibility

Officers must be willing to work for the wellbeing of the club, be willing to help individual members, and maintain a GPA of 3.0 per a nine-week period.

Section C: Election

The officers are chosen by the administration as to who is responsible, and it is approved upon by the students.

Section D: Term

The officers shall serve for one year and their term of office shall begin at the commencement of the fall semester.

Section E: Vacancy

If a vacancy occurs in the office of President, the Vice-President shall assume the office for the remainder of the term and vacancies in any other office shall be filled by a special election.

ARTICLE IV: DUTIES OF OFFICERS

Section A: President

It shall be the duty of the President to:

- A. Preside at meetings
- B. Vote only in case of a tie
- C. Represent the club
- D. Appoint committee chairpersons subject to the approval of the Executive Committee
- E. Serve as an ex-officio member of all committees except the nominating committee
- F. Perform such other duties as ordinarily pertain to this office

Section B: Vice-President

It shall be the duty of the Vice-President to:

- A. Preside in the absence of the President

Section C: Secretary

It shall be the duty of the Secretary to:

- A. Record the minutes of all meetings
- B. Keep a file of the club's records
- C. Maintain a current roster of membership
- D. Issue notices of meetings and conduct the general correspondence of the club

Section D: Treasurer

It shall be the duty of the Treasurer to:

- A. Receive all funds and process Request for Payment, Deposit Slip, and Officer Signature Forms.
- B. Keep an itemized account of all receipts and expenditures and make reports as directed

ARTICLE V: MEETINGS

Section A: Meetings

Regular meetings shall be held twice a week, Monday and Wednesday, during the regular school year.

Section B: Video Games/Off Task

During the meetings, students who are seen playing video games or getting off task will first be issued a verbal warning. On the second notice, the individual will be asked to leave for the remainder of club hours for that day.

ARTICLE VI: EXECUTIVE COMMITTEE

Section A: Responsibility

Management of this club shall be vested in an Executive Committee responsible to the entire membership to uphold these bylaws.

Section B: Membership

This committee shall consist of the officers as listed in Article III and the faculty advisor.

Section C: Meetings

This committee shall meet at least once between regular meetings of the club to organize and plan future activities.

ARTICLE VII: ADVISOR

Section A: Selection

There shall be a faculty/staff advisor who shall be selected each year by the membership.

Section B: Duties

The responsibilities of the faculty advisor shall be to:

- A. Maintain an awareness of the activities and programs sponsored by the student club.
- B. Meet on a regular basis with the leader of the student club to discuss upcoming meetings, long-range plans, goals, and problems of the club.
- C. Attend regular meetings, executive board meetings as often as schedule allows.
- D. Assist in the orientation of new officers.
- E. Explain and clarify campus policy and procedures that apply to the club.
- F. Maintain contact with the Student Activities Office.
- G. Provide direction in the area of parliamentary procedure, meeting facilitation, group-building, goal setting, and program planning.
- H. Assist the club treasurer in monitoring expenditures, fundraising activities, and corporate sponsorship to maintain an accurate and up-to-date account ledger.
- I. Inform club members of those factors that constitute unacceptable behavior on the part of the club members, and the possible consequence of said behaviors.

ARTICLE VIII: AMENDMENTS

Section A: Selection

These bylaws may be amended by a two-thirds (2/3) majority vote of the chapter membership.

Section B: Notice

All members shall receive advanced notice of the proposed amendment at least five days before the meeting.

Title II: *FIRST* Robotics Competition

ARTICLE I: PURPOSE

The purpose of the *FIRST* Robotics Competition Team is to compete in the annual FRC Competition. It shall also serve as a teaching device for team building, communication, leadership skills, and problem-solving.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of fifteen (15) members shall make up this team including the executive board of this team.

Section B: Executive Board

There shall be one (1) president, one (1) vice president, one (1) safety captain, one (1) treasurer, and one (1) secretary.

Section C: Member Eligibility

All students of Miami Coral Park Senior High School are eligible to join the *FIRST* Robotics Competition Team. Students who are part of a Miami-Dade County Public School whose school does not have a *FIRST* Robotics Competition Team can apply to be a part of the RamTech Team.

Section D: Dues

To compete in the *FIRST* Robotics Challenge, a one-hundred-dollar (\$100.00) mandatory, non-refundable deposit will be required. The deposit amount can be changed by a committee composed of the faculty advisor, the mentors and the president of both *FIRST* Robotics Competition and RamTech.

ARTICLE III: TEAM STRUCTURE

Section A: Scouting Team

Freshmen and Sophomores shall be placed on the scouting team in order to understand the various aspects of the game. In addition, first-year members of the team shall also be placed on the scouting team.

Section B: Build Team

Members who have completed scouting will be allowed to be a part of the build team. Members of the build team will be required to stay for extra amounts of time after club hours to work on the production of the robot.

Section C: Drive Team

The Drive Team shall be composed of two (2) drivers, a human player, and a coach. The Drive Team will be required to practice for extensive amounts of time up until it is time to bag and tag the robot. While the Robot in is construction, the Drive Team will be a part of the Build Team.

Title III: ACE Mentorship Club

ARTICLE I: PURPOSE

The purpose of the ACE Mentorship Club is to compete in the annual Construction Industry Round Table (CIRT) Competition.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of fifteen (15) members shall make up this team including the executive board of this team.

Section B: Executive Board

There shall be one (1) president, three (3) vice president, one (1) treasurer, and one (1) secretary.

ARTICLE III: TEAM STRUCTURE

Section A: Design Team

Design consist of 3-5 people that come together to what's known as the design team. Although there is a design team we still get ideas from the rest of the team especially the green team or known as LEED. Once the design is designed and there is a general concept or idea we start from a simple but helpful sketch then half or (inter) goes to design the inside of the building using sketch up or rhino and the other half does the structure of the building using Revit, AutoCAD, Rhino, Flamingo, And Alumina

Section B: Green Team

Green team or LEED Team is our go to team. why well because it's not only the team that we are also referring too it's the team that we guide are self by because we are not only trying to make a good affordable project but gold or platinum.

Section C: Logistic Team

Logistics are the main planner. Are team hard worker. not an easy task meant for the people that are capable of all the task from planning to where will be leaving material to what will be done every day from day one till the last days

Section D: Scheduling

Scheduling Team consists of three people that will be working on numbers basically the numbers of how many things we need and by what time and money. Work hand and hand with logistics Team

Section E: Marketing Team

The team consists of 1 or 2 people. Those two will be working with the entire team to put everything that has been done together for the project on to a board to be submitted to the national CIRT competition

Title IV: Technology Student Association

ARTICLE I: PURPOSE

The purpose of the Technology Student Association (TSA) club shall be to compete in the annual TSA Competition.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of fifteen (15) members shall make up this team including the executive board of this team.

Section B: Executive Board

There shall be one (1) president, one (1) vice president, one (1) treasurer, and one (1) secretary.

Section C: Dues

In order to compete in TSA, there will be an eighty-dollar (\$80.00) registration deposit. If your child decides that they do not want to go, a refund will be given in full up until January.

ARTICLE III: REQUIREMENTS

The following requirements must be met in order to compete in the TSA Competition

- A. Students must compete in at least three (3) events in order to be a part of the team.
- B. Projects are to be worked on all year long in order to have them completed before the competition.

Failure to meet these requirements will result in not being able to compete in the following year.

Title V: SECME

ARTICLE I: PURPOSE

The purpose of the SECME Competition Team shall be to compete in the annual SECME Competition.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of ten (10) members shall make up this team.

ARTICLE III: REQUIREMENTS

[REQUIREMENTS TO COME]

Title VI: Ten80

ARTICLE I: PURPOSE

The purpose of the Ten80 Competition Team shall be to compete in the annual Ten80 Competition.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of six (6) members shall make up this team.

ARTICLE III: TEAM STRUCTURE

Section A: Aerodynamic

Using SolidWorks FloXpress Simulation, the team must analyze wind tunnel patterns in order to maximize downforce and minimize drag force on Ten80 Race Car Body.

Section B: Design

Design the layout of the pit, competition t-shirts, and promotional material to take to competition as well as design the skin for the car.

Section C: Data Driven Design

Design an engineering based project that can affect the economic, environmental and performance aspects of the STEAM field. Using data collection and acquisition, reach scientific conclusions to the proposed hypotheses.

Section D: Dragster

Design a race car that must reach its maximum performance on the drag strip in 100 feet or less.

Section E: Track Car

Construct a model car that can compete in the time trial and endurance races on both oval and road course layouts.

Section F: Pit Crew

The pit crew consists of two (2) members who will take charge of battery management, pit stops, adjustments, and repairs.

Section G: Enterprise

Pitch the team values and ideas to potential sponsors.

Section H: Community Outreach

The members of this team must promote the value of Ten80 to the general public and engender the STEAM curriculum.

Title VII: BattleBots

ARTICLE I: PURPOSE

The purpose of the BattleBots Competition Team shall be to compete in the annual BattleBots Competition.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of three (3) members shall make up this team.

ARTICLE III: REQUIREMENTS

Section A: Notebook

An engineering design notebook must be made to compete in the competition. The notebook should be made up the design process, research done, and the conclusion.

Section B: Design

A SolidWorks assembly file detailing the construction of the BattleBot must be made prior to the construction of the BattleBot.

Title VIII: Committee on Public Relations

ARTICLE I: PURPOSE

The purpose of the Committee on Public Relations shall be to maintain the website and various social media outlets.

ARTICLE II: MEMBERSHIP

Section A: Minimum Number of Members

A minimum of three (3) members shall make up this committee.

Section B: Member Status

Members of this committee shall be appointed at the discretion of the President of RamTech and the rest of the executive committee.

ARTICLE III: RESPONSIBILITIES

Section A: Social Media

The committee shall keep the social media pages updated when RamTech competes or participates in any event. Updates should be made with-in one week after the event has ended.

Section B: Website

The committee shall keep the website up to date with the most current information about the club.

Title IV: Amendments

Revision History

DATE	DESCRIPTION
May 11, 2017	Addition of BattleBots and Ten80
December 5, 2016	Addition of Title VI and VII
November 22, 2016	By-Laws re-written to reflect current practices in the club
August 30, 2015	By-Laws Written