

UPRM
AERO
DESIGN



Sponsorship Proposal

Developing Puerto Rico's Future Aerospace Engineers
2026-27

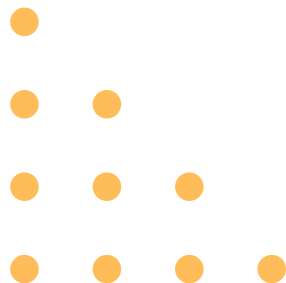


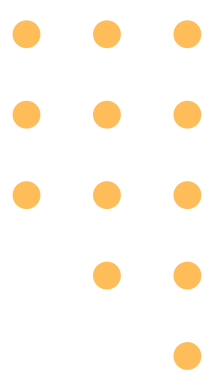


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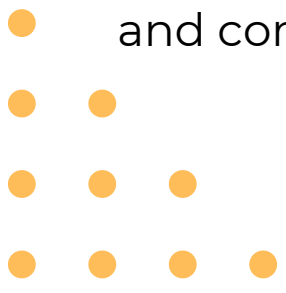


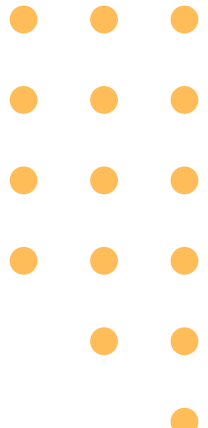
ABOUT US

UPRM Aero Design is a multidisciplinary remote controlled aircraft design team of the collegiate chapter of the Society of Automotive Engineers (SAE) of the University of Puerto Rico, Mayagüez Campus (UPRM). The diverse team is composed of approximately **40 collegiate members across 7 disciplines**. In 2026, the team will represent Puerto Rico in the SAE Aero Design competition, competing against **50** or more teams from universities worldwide. This competition promotes innovation and growth in the engineering industry through challenging missions and design constraints inspired by current technology trends.



UPRM Aero Design invites your company to invest in our team of talented emerging professionals and to be part of our continued success in representing our country in an international aircraft design competition. To keep up with ever-changing technology, competition regulations are constantly changing, which tends to increase project budget requirements. With your support, we will be able to stay one step ahead of the competition in aerospace innovation by acquiring state-of-the-art tools, materials and manufacturing processes. Funds will be used for team registration, prototypes and final aircraft manufacturing, and competition logistics.





OUR MISSION

To design, build, and compete with innovative aircraft while providing students with hands-on engineering experience that develops technical expertise, leadership, teamwork, and professional skills.



OUR VISION

UPRM Aero Design aims to cultivate the next generation of engineering leaders by providing immersive educational experiences, fostering innovation, and developing essential soft and technical skills. We prepare students for professional opportunities, inspire collaboration, and empower them to excel in the engineering industry.



CORE VALUES



**COMMUNITY
ENGAGEMENT**



SYNERGY



PROFESSIONALISM



SAFETY



INGENUITY

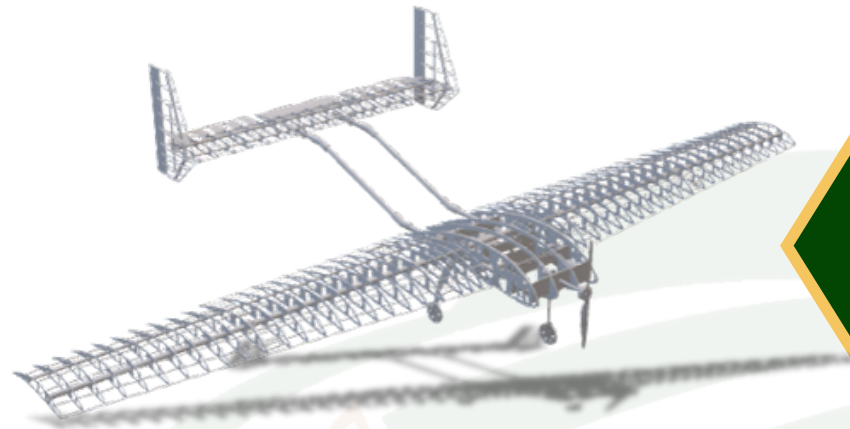


RESPECT

MEET THE PLANES

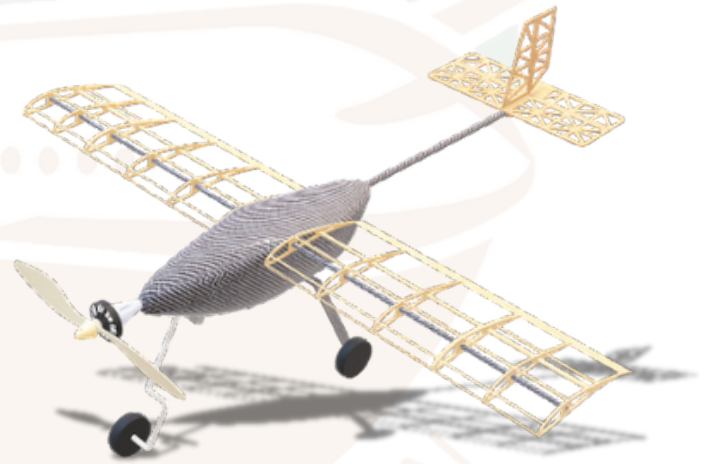
Regular Class

**16ft Wingspan
Fully Modular
Metal Structural Support
100ft Takeoff Distance**



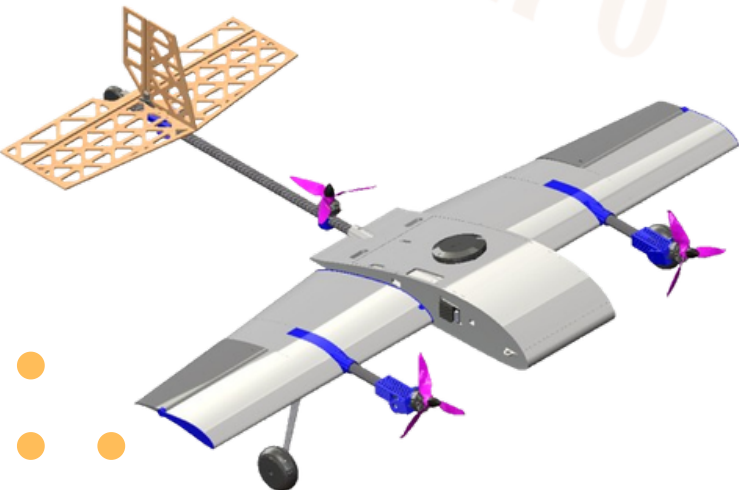
Micro Class

**10ft Takeoff Distance
Fully Modular
Small & Light as Possible
Carbon Fiber Body**



Advanced Class Primary Aircraft (PA)

**3.5 lbs
Fully Autonomous
Vertical Takeoff and Landing
Navigation and Precision Landing
3D Printed Frame**



OUR LEGACY

In the past ten years, the team has won many awards across different categories



For the past three decades, UPRM Aero Design's ultimate goal has been to triumph and represent the island and the University of Puerto Rico - Mayagüez Campus. Our long-standing presence in these competitions has been marked by continuous improvement and dedication, steadily creating a legacy that enhances our university's reputation and accomplishments.

Our commitment and hard work have enabled us to consistently achieve outstanding results while strengthening Puerto Rico's presence in international competitions.

RECENT PODIUMS



ADVANCED CLASS SAE AERO DESIGN 2026

**Mission
Performance**

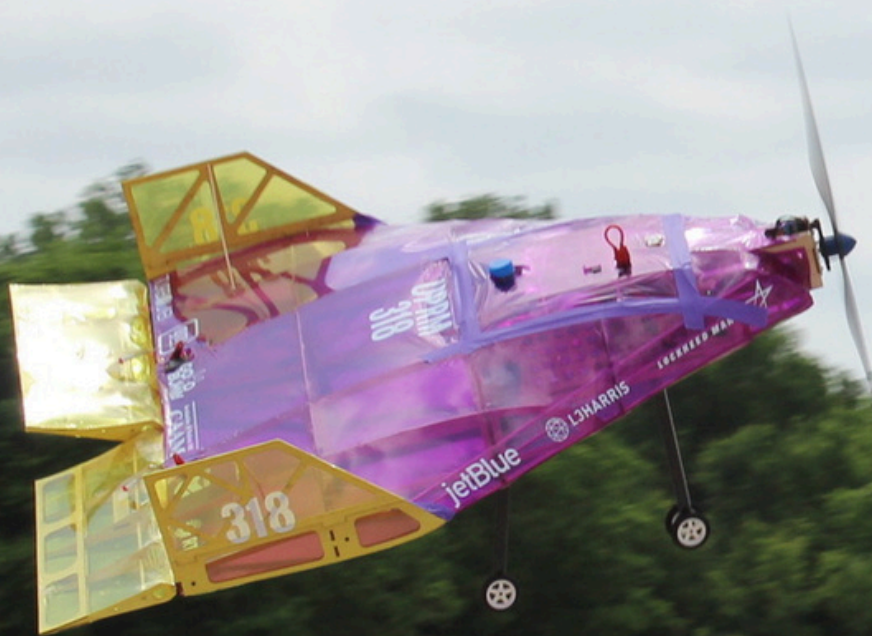


Overall



MICRO CLASS

SAE AERO DESIGN 2026



**Mission
Performance**



Overall



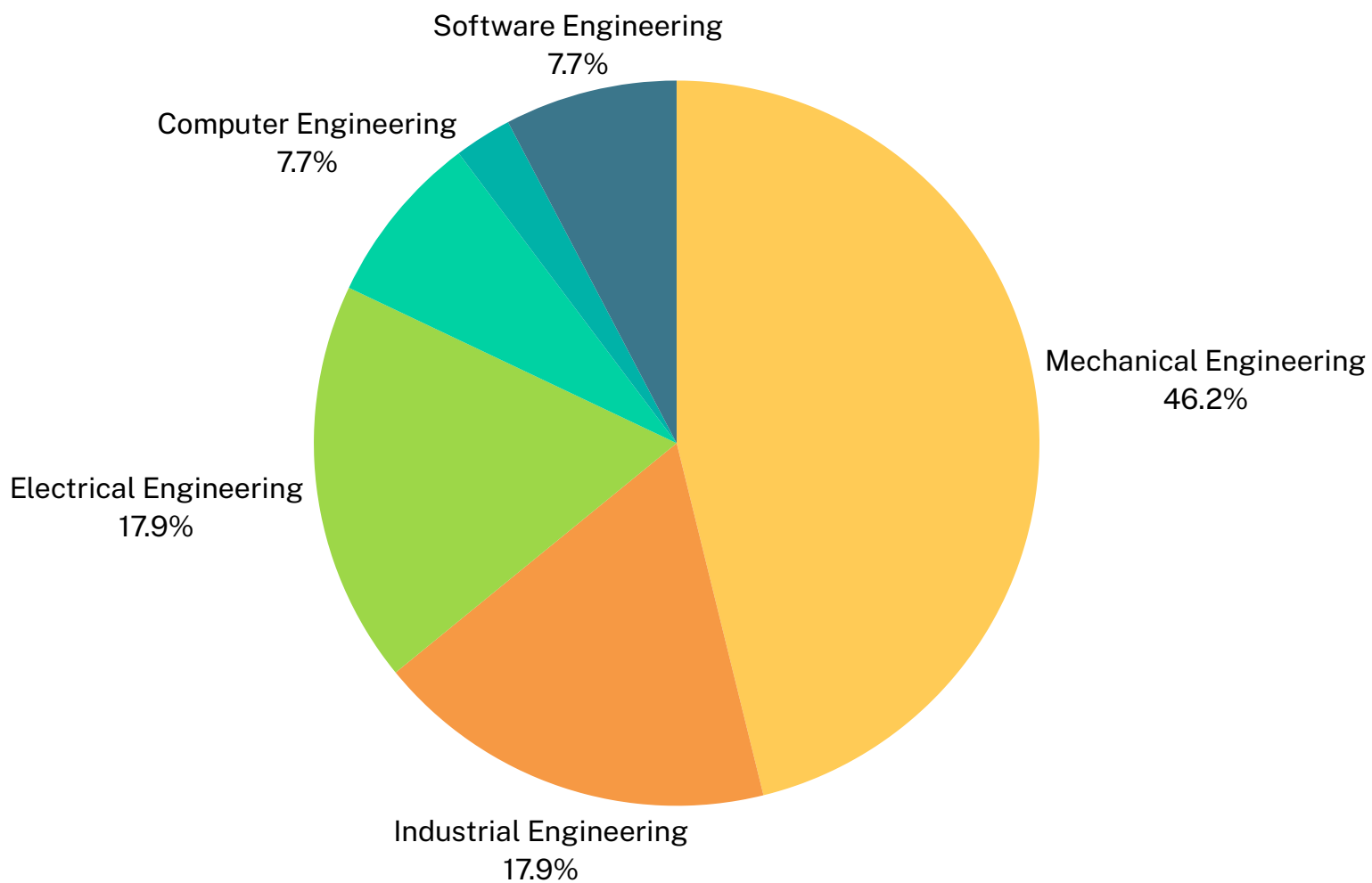
MEET THE TEAM

UPRM Aero Design is not just a group of future engineers working on technical challenges to win a competition; the team is a tightknit family bound by support, trust, respect, and genuine care for one another. Our shared experiences and collaborative spirit foster deep connections, making our workplace a second home where strong relationships are built on mutual admiration and camaraderie. Most of our members gain lifelong friendships, study partners, and mentors when joining part of the Aero family. This sense of belonging and unity has been the key to our decade long winning tradition.

We are a large team composed of 40 members, yet each member goes through a set of interviews to assure quality, not just quantity. Most of our members are outstanding students who develop their professional and academic skills by participating in internships or co-ops and forming part of extracurricular activities.



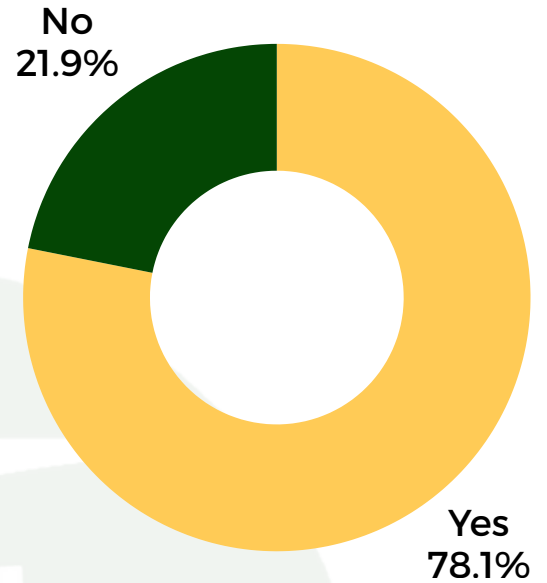
TEAM STATISTICS



Team Composition by Major

TEAM STATISTICS

Internship or Co-op Experience



Female
24%

Male
76%

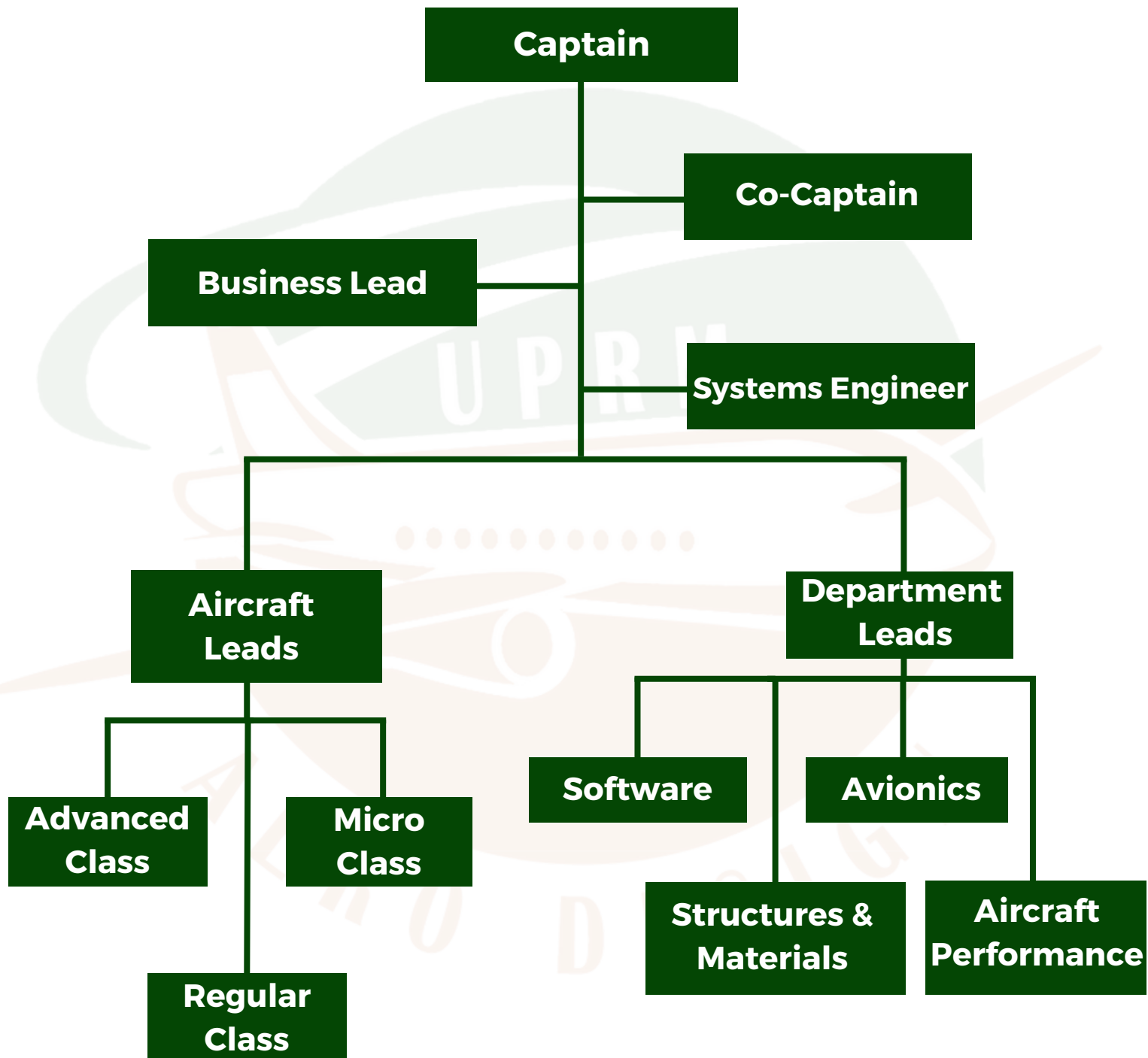
Demographics

No
9%

Participate in Extracurricular Activities

Yes
91%

TEAM STRUCTURE



OPPORTUNITIES FOR GROWTH

At UPRM Aero Design, each member can develop skills to be successful in today's interdisciplinary work environment. To achieve this, the team organization consists of two parallel structures: aircraft components and departments. Members oversee major aircraft components while simultaneously supporting departments that work on specific topic areas from technical backgrounds. Each aircraft and department has a leader who coordinates their group's efforts. This organization provides a holistic approach that effectively promotes synergy among team members and develops their engineering, critical thinking, and collaboration skills in one semester.

Technical Skills

Finite Element Analysis (FEA)
Computational Fluid Dynamics (CFD)
Manufacturing
CAD Design
Quality Control
Project Management
Budgeting
Software Control Systems
Data Analysis
Technical Documentation

Soft Skills

Communication
Teamwork
Problem-Solving
Adaptability
Leadership
Time Management
Critical Thinking
Attention to Detail
Interpersonal Skills
Work Ethic
Conflict Resolution
Decision Making

OUTREACH ACTIVITIES

“Media Tour” – TV and Radio Exposure

During the semester, we host a 'Media Tour' where we invite radio stations and television programs to showcase our aircraft and discuss the rules and challenges of the SAE Aero Design West 2025 competition. We also answer audience questions about our technical work. This initiative aims to increase exposure and garner support from various regions of the island.



Educational Fair and Solar Eclipse Observation



The team presented our project at the Puerto Rico Convention Center in San Juan, alongside innovative Aerospace, Technology, Environmental Sciences, and Renewable Energy projects. This event allowed us to engage with a diverse audience, share our passion for aerodynamics and engineering, and promote scientific education.

FUNDRAISING

Weekly Sales

Throughout the semester, UPRM Aero Design team members host weekly sales on campus, offering pizza, frappes, and other popular treats. These sales are a crucial component of our fundraising efforts, enabling us to gather essential funds to support our projects and initiatives. Additionally, our sales provide valuable support to the campus community, offering affordable food options to students, particularly during times of monetary need or when the cafeteria is closed.



Last year, each member contributed 20 hours throughout the semester in sales activities. By engaging with our fellow students through these sales, we not only contribute to our team's financial sustainability but also enhance the sense of community and mutual support within our university.

YEARLY BUDGET

Materials	Costs	Team Registration	Costs
Additive Manufacturing Materials	\$1,500	Micro Class	\$1,500
Wood	\$5,000	Advanced Class	\$1,500
Tools and Glues	\$650	Regular Class	\$1,500
Avionics and Software Components	\$12,000	Sub-Total	\$4,500
Metals and Alloys	\$3,000	Travel Expenses	Costs
Miscellaneous	\$1,300	Ground Transportation (Personnel & Equipment)	\$4,200
Sub-Total	\$23,450	Travel Lodging & Workspace	\$6,500
Equipment	Costs	Equipment Shipping	\$10,000
Additive Manufacturing Equipment	\$3,550	Sub-Total	\$20,700
Power Tools	\$850	Total	\$57,150.00
Instrumentation and Sensors	\$400	Individual Competition Expenses	Costs
Conventional Measurement Equipment	\$200	Round-trip Boarding Pass	\$570
Office Supplies	\$100	Team Uniform	\$80
Outsourcing	\$3,000	SAE Annual Membership	\$35
Personal Protective Equipment (PPE)	\$400	Annual Quota	\$180
Sub-Total	\$8,500	Total	\$865.00

Note: The individual competition expenses are not included in the total expenses of the team budget. Each team member pays individually for their fare and lodging.

SPONSORSHIP PACKAGES

	GOLD \$5,000+	SILVER \$1,000+	BRONZE \$500+
Promote the company's logo on our website and competition t-shirt.	X	X	X
Share competition results.	X	X	X
Promote the company's logo on our social media.	X	X	X
Offer team's resume book.	X	X	X
Display company's logo on the team workshop sponsorship wall.	15"x15"	7"x7"	
Place the company's logo sticker on our planes.	9" x 2"	5" x 2"	
Receive semiannual progress reports.	X	X	
Place the company's logo on our official uniform.	X		
Send a compilation of photos and videos.	X		

Note: Applies for donations less than \$500, donations or discounts on materials, tools, equipment, etc.

SPONSORSHIP PAYMENT GUIDELINES

HOW TO BECOME A SPONSOR?

SEND A CHECK

1. Please make the check payable to "UPRM Aero Design" with the amount you wish to contribute.
2. Send the check by mail to the address "Calle Lirio E19 Reparto Valencia, Bayamon PR 00959" or deliver it personally to a member of our team.



MAKE A DEPOSIT

1. Please make the deposit to "UPRM Aero Design" with the amount you wish to contribute.
2. Deposit it at Banco Popular de Puerto Rico (BPPR) with the account number "148349811", rute number 021502011



REMEMBER TO NOTIFY AND SEND YOUR COMPANY LOGO TO:
PM.AERODESIGN.UPRM@GMAIL.COM

CLOSING STATEMENT

UPRM Aero Design is proud to continue partnerships and gain support from new sponsors. Thank you for taking the time to consider our proposal and get to know more about our team. We hope you decide to partner with us on our mission to triumph in the 2026 SAE Aero Design competition and develop future leaders and professionals. Our members and leaders are proud to be a part of the UPRM Aero Design team and we hope you will too. It is thanks to companies such as yours that we can continue our work and legacy in representing Puerto Rico and exposing the talent at our campus.

This proposal is an introduction to who we are and our potential partnership with your company; feel free to contact our business and Marketing lead Sofia Pagan, our Co-Captain Erick Serrano, or our captain Franco Marrero to get involved and discuss any questions or concerns.

We look forward to our partnership with your company!

With kind regards,



Franco Marrero

Team Captain

franco.marrero@upr.edu



Sofia I. Pagan

Business and Marketing Lead

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Erick Serrano

Co-Captain

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