

Our Mission

The UGA AIAA Student Branch engages the student body in professional development and real-world multidisciplinary aerospace projects through focusing on our three pillars of **exploration**, **design**, and **community**. With these guided projects, we provide the resources to prepare students to enter the aerospace engineering world.

Projects



Beginner Rocketry

Being the largest program to date, AIAA offers multiple projects and competitions revolving around rocketry. Each semester, AIAA sends **30+ beginner students** to obtain their National Association of Rocketry Level One certification using customized and individually built rockets. After that, members can choose to pursue higher level certifications and projects based on interest.



RC Planes

Members learn to bridge the gap of aviation and electronics through construction of personalized RC planes. Members gain experience fabricating and designing planes while preparing for an internal flying competition at the end of the year.



Open Projects

AIAA's newest addition, Open Projects allow students to explore their interests in the aerospace realm in a group of 2-8 people. AIAA provides the mentorship and resources for students to pursue projects from small competitions to large scale unmanned drones. After one semester, there are 5 active projects with a total of 25 students.



Competition Teams

AIAA's more advanced members work in teams to represent UGA in the International Rocket Engineering Competition (IREC) and AIAA Design Build Fly (DBF) competitions. These year long extensive projects apply several fields of engineering, fabrication, and teamwork to build and compete high powered rockets and model aircraft.

UGA Rocketry placed 10th overall out of 170+ teams in the 2025 IREC competition



Professional Development

AIAA provides students with Career Fair workshops, professional speaker events, company tours, and student conferences! **16 students** attended the AIAA Region II Conference last year.

Contact Us

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