Polytechnic University of Orlando Inaugurates Aerospace Laboratory

The investment in this innovative space is estimated at $2.9 million

Orlando, Florida [April 9, 2025] – The Polytechnic University, Orlando Campus, officially opened its Aerospace Engineering Laboratory, an innovative space dedicated to education, research, and development in aerospace technologies.

The laboratory, with a total investment of $2.9 million, will provide students, faculty, and researchers with a cutting-edge platform for the design, simulation, and testing of aerospace systems. This facility will also contribute to the training of highly skilled professionals in the field, positioning the institution as a global leader in aerospace education.

"With this laboratory, we are positioning Polytechnic University as a benchmark for aerospace education and innovation in the region. Our institution is committed to fostering collaboration among academics, students, and industry leaders, driving significant advancements in aerospace research and development in Florida," stated Polytechnic University President Ernesto Vázquez Martínez.

This space reaffirms two of Polytechnic University's strategic goals: fostering a student-centered culture that promotes performance and success, and strengthening relationships with the community, industry, and government.

The laboratory will feature state-of-the-art facilities, including a jet engine for testing, an autonomous vehicle research lab, and supersonic and subsonic wind tunnels. These resources will allow students to gain hands-on experience in real-world environments, enhancing their academic and professional training.

Advanced flight simulators, 3D printers for aerospace prototype manufacturing, aeronautical modeling and simulation software, and facilities for material and aerodynamic testing are just some of the key features of this laboratory, which will play a fundamental role in shaping future aerospace engineering professionals.

"This cutting-edge laboratory is a center for discovery, a platform for developing ideas, and a strong testament to our commitment to education, research, and progress. It proves that when vision meets determination, great things happen," said Dr. Adriano Parisi, Director of the Florida Campuses.

The construction of this laboratory demonstrates the commitment of Polytechnic University of Puerto Rico in Orlando to innovation and research in the aerospace field.

For more information about the laboratory and academic opportunities, visit the Orlando Campus website of Polytechnic University of Puerto Rico: www.pupr.edu/orlando.

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About Polytechnic University of Puerto Rico

Founded in 1966, Polytechnic University of Puerto Rico is a leading institution specializing in engineering, architecture, and business administration, committed to academic excellence and the comprehensive development of professionals prepared for a globalized world. It has campuses in San Juan, Puerto Rico; Orlando, and Miami, Florida, offering programs in in-person, hybrid, and online formats.

Recently, the institution was awarded a 4-star rating in the prestigious QS Stars international ranking system, recognizing its commitment to academic quality, graduate employability, and global impact. This distinction positions Polytechnic University of Puerto Rico as one of the most prominent educational institutions in the region, reaffirming its leadership in higher education. With this recognition, Polytechnic University of Puerto Rico becomes the first and only institution in Puerto Rico to receive this international honor.