



University of Puerto Rico
Mayagüez Campus
Human Resources Department
Recruitment
Call Box 9000, Mayagüez, PR 00681-9000
www.uprm.edu/empleos
787-832-4040 Ext. 3159, 3045 y/o 5627



REOPENING OF JOB ANNOUNCEMENT

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|----------------------|---|--|
| Announcement Number | : | 24-12 |
| Position Title | : | ASSISTANT PROFESSOR |
| Annual Salary | : | \$70,548.00 |
| Location of Position | : | University of Puerto Rico Mayagüez Campus Department of Mechanical Engineering (https://www.uprm.edu/inme/) |
| Opening Date | : | July 3, 2025 |
| Closing Date | : | October 31, 2025 |

INTRODUCTION

The **Department of Mechanical Engineering** at the University of Puerto Rico in Mayagüez (UPRM) announces an Assistant Professor tenure-track position in Aerospace Engineering. The Department of Mechanical Engineering has a vibrant undergraduate program with the highest demand and highest potential for growth in the College of Engineering at the University of Puerto Rico in Mayagüez. The undergraduate program is duly accredited by the **ABET Engineering Accreditation Commission**. In addition, the growing Master's and PhD program produces high-level research and has access to outstanding funding mechanisms to support innovative research (US federal government, local and international private industry).

MINIMUM REQUIREMENTS

Candidates must show potential to immediately impact emerging focus areas in **Aerospace Engineering** as applied to Mechanical Engineering. The candidate should possess outstanding academic qualifications, a proven history of scientific research expertise within the specified field, the ability to secure competitive external funding through individual or collaborative proposals, and proficiency in teaching at the university level. The position **requires a doctoral degree (Ph.D.) in Mechanical Engineering** or equivalent area with a **specialty in Aerospace Engineering** or related field. Specific areas of interest include, but are not limited to, space exploration, advanced propulsion, turbomachinery, artificial intelligence and machine learning as applied to aerospace engineering, vehicle flight dynamics, unmanned and autonomous flight systems, aerodynamics and fluid mechanics of high-speed flows, combustion, controls and diagnostics, microgravity environments and optimization for aeronautical and astronautical applications. The candidate is expected to have the potential to teach a variety of undergraduate and graduate level courses in mechanical engineering, including, but not limited to aeronautical and astronautical engineering. The candidate should have excellent communication skills in English and must have the ability to contribute to a diverse and inclusive academic culture and to promote the mission of the Department of Mechanical Engineering and the University of Puerto Rico at Mayagüez.

JOB DESCRIPTION

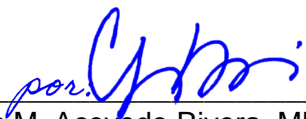
The responsibilities of the hired person include demonstrating a strong commitment to teaching through the development of innovative courses at both undergraduate and graduate levels in the fundamental areas of mechanical engineering as well as in his/her specialty area, the development of a strong and sustainable research program supported by external funds, the dissemination of scientific results through the publication of articles in refereed and high-impact conferences and journals in his/her specialty area, mentoring graduate and undergraduate students, and actively participating in other activities to support the mission of the Department, the College of Engineering, the University, and the profession.

HOW TO APPLY

Interested candidates must submit the following documents electronically: letter of application, extended curriculum vitae, official transcripts of graduate and undergraduate studies, a teaching statement, a research statement, three (3) letters of recommendation from peers in the field of profession and at least three (3) recent

professional products (last 5 years) in the candidate’s specialty area. Applications should be directed to:

Dr. Sylvina Cancelos, Chair
Department of Mechanical Engineering
University of Puerto Rico at Mayagüez
Call Box 9000, Mayagüez PR 00681-9000
Phone: (787) 832-4040, 3719, Fax: (787) 265-5407
sylvina.cancelos@upr.edu
director.inme@upr.edu

SUBMITTED: 
Jesús M. Acevedo Rivera, MBA
Director

July 3, 2025

Some of the benefits that the University of Puerto Rico offers include: health plan, savings and investment plan of the University of Puerto Rico sick leave, and maternity and paternity leave.