



University of Puerto Rico  
Mayagüez Campus  
Department of Human Resources  
PHONE: 787- 832-4040 Ext. 3159 FAX 787-831-1720



## JOB ANNOUNCEMENT

Announcement Number : 25-14

Position Title : Assistant Professor

Annual Salary : \$70,548.00

Location of Position : University of Puerto Rico  
Mayaguez Campus  
Department of Mechanical Engineering  
(<https://www.uprm.edu/inme/> )

Opening Date : May 1, 2025

Closing Date : September 1, 2025

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### 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, artificial intelligence and machine learning as applied to aerospace engineering, flight/spacecraft dynamics and controls, aerospace systems engineering, deployable structures and fluid mechanics including high-speed flows, turbomachinery, propulsion and combustion. 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:

**Prof. Silvina Cancelos, Departament Chair**  
**Department of Mechanical Engineering**  
**University of Puerto Rico at Mayagüez**  
**Call Box 9000**  
**Mayagüez P.R. 00681-9000**  
**Telephone (787) 832-4040 Ext. 3719, Fax (787) 265-5407**  
[silvina.cancelos@upr.edu](mailto:silvina.cancelos@upr.edu)  
[director.inme@upr.edu](mailto:director.inme@upr.edu)

SUBMITTED BY:   
Jesus Manuel Acevedo Rivera, MBA  
Director

Among the benefits offered by the University of Puerto Rico are: medical plan, savings and investment plan of the University of Puerto Rico, sick leave, and maternity and paternity leave.