



AMENDMENT TO JOB ANNOUNCEMENT

Announcement Number	: 25-17
Position Title	: Assistant Professor
Annual Salary	: \$70,548.00
Location of Position	: University of Puerto Rico Mayaguez Campus Department of Electrical and Computer Engineering
Opening Date	: May 1,2025
Closing Date	: September 30, 2025

INTRODUCTION

The Department of Electrical and Computer Engineering of the University of Puerto Rico, Mayagüez Campus is currently searching for applicants to teach courses in Computer Engineering in the areas of Computer Architecture, Computer Networks, and Embedded Systems Design.

MINIMUM REQUIREMENTS

Applicants must have a Ph.D. in Computer Engineering, or related engineering areas and completion of all requirements by the date of hire. The candidates will enhance the department's research efforts in Computer Engineering and highly related areas.

Research interests of potential computer engineering faculty include computer architecture and organization, with a focus on improving processor design, memory systems, interconnects, and reconfigurable computing for enhanced performance and efficiency. Hardware security is an area of interest, addressing the design of secure architectures, trusted hardware, hardware-assisted cryptography, and supply chain security. Research in emerging hardware technologies like quantum computing, neuromorphic computing, nanoscale devices, photonics, and biocomputing, exploring novel computational paradigms. Cyber-physical systems (CPS) hardware focusing on embedded systems, sensor technologies, real-time hardware, and actuator control for integrated physical-computational systems, directly relevant to smart and connected communities. These interconnected research areas aim to push the boundaries of computing capabilities, enhance security and reliability, and enable innovative applications in various domains, including the development of intelligent technologies for smart and connected communities and are areas of interest for our department. Priority will be given to candidates who demonstrate high research and development skills in the aforementioned areas and to teaching courses in our programs.

Candidates for this tenure-track position must provide evidence of outstanding potential in research and teaching activities.

JOB DESCRIPTION AND DUTIES

The selected candidate will fulfill teaching and research obligations for the Department of Electrical and Computer Engineering. The selected candidate is expected to teach at the graduate and undergraduate levels or coordinate teaching laboratories in the ECE Department, participate in continuous improvement and assessment activities of our academic programs, participate in faculty committees, participate in outreach activities, and support general academic service activities in the department. The person selected is expected to develop creative research activities in Computer Architecture, Computer Networks, or Embedded Systems, interact with researchers and students in the Department, advise graduate students, publish research results in peer-reviewed conferences and journals, and attract external research funding.

**HOW TO APPLY**

Please, provide the following documents:

- 1. Cover letter (including announcement number for which you are applying, e-mail, address, and phone number)
- 2. Curriculum Vitae
- 3. MS (if applicable) and Ph.D. transcripts
- 4. Three (3) letters of recommendation (It is expected that one of the letters is written by the applicant's Ph.D. advisor)
- 5. Detailed research and teaching statements in a single pdf file (1-2 pages)
- 6. Copy of three (3) peer-reviewed publications in topics related to computer architecture, computer networks or embedded systems, or other relevant subjects. Preferable IEEE Transactions Journals.

**Dr. José R. Cedeño**  
**Associate Director**  
**Department of Electrical and Computer Engineering**  
**University of Puerto Rico, Mayagüez Campus**  
**Call Box 9000**  
**Mayagüez P.R. 00681-9000**  
**Telephone (787) 832-4040 Ext. 3086**

Letters or documents sent by e-mail must be directed to [facultyposition@ece.uprm.edu](mailto:facultyposition@ece.uprm.edu) . To learn more about the Department of Electrical and Computer Engineering at UPRM, please visit <https://ece.uprm.edu/>.

SUBMITTED BY:   
Jesús 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.

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