
Vacancy Notice

Title: Full-time professor

Field of Knowledge: Mechanical Engineering Program.

Organizational Unit: Industrial and Mechanical Engineering Department

Primary location: Universidad de las Américas Puebla at San Andrés Cholula, Puebla. México.

URL: www.udlap.mx

Type of contract: Fixed term

Salary: Commensurate with qualifications and experience.

Fringe benefits: Health insurance, pension and retirement benefits.

Teaching load: 6-8 courses per year, depending on research productivity.

Overview of the functions of the position

The applicant will teach, conduct research and advise in his/her area(s) of expertise. Essential responsibilities include:

- To teach at the undergraduate and graduate levels and lead instructional activities specified in the approved curriculum and in the faculty bylaws. These activities include lecturing, leading seminars, individual and group tutoring, writing and correcting exams, correcting papers and reports and conducting and supervising evaluation activities;
- To participate in departmental and school activities, including meetings, committees, course and program evaluation, curriculum development, and grant preparation;
- To provide academic support and advising to students;
- To undertake cutting edge research in order to contribute to the intellectual mission of the university and development of innovative proposals of graduate studies concerned with Mechanical Engineering, Thermofluids Sciences or Energy;
- To participate in calls for research proposals;
- To participate in inter-institutional and/or interdisciplinary research projects linked to regional and national companies and/or to internationally recognized institutions;
- To participate in the National System of Researchers (SNI - *Sistema Nacional de Investigadores*);
- To publish research achievements.

Required qualifications

Education

- Ph.D. in Mechanical Engineering, Thermofluids Sciences, Energy Engineering or a closely related field.
- Area of expertise, one or more of the following: Thermodynamics, Heat Transfer, Fluid Mechanics.
- Other desirable areas, one or more of the following: Mechanical Design or Thermal Sciences.

Work Experience

- At least 2 years of undergraduate or graduate teaching.

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- Experience in the design, implementation and management of research (basic and applied science) or consulting projects.
- Demonstrated professional experience in the field of expertise.

Skills/Competencies

- Ability to teach and advise undergraduate or graduate students;
- Excellent analytical skills. Ability to collect, summarize and analyze information from various sources. Proven ability to work effectively in a multidisciplinary and international environment.
- Capacity to build and maintain partnerships with internal and external institutions and companies.
- Ability to communicate effectively on technical and scientific issues in English and Spanish.
- Excellent written and oral communication skills in English and Spanish.

Languages

- English and Spanish.

Desirable qualifications

Work Experience

- Proven experience in mentoring undergraduate or graduate students.
- Participate in the National System of Researchers (SNI - Sistema Nacional de Investigadores) or have enough scientific /technological production to get in shortly.

Posting date: August 18th 2023

Applications must be sent by email no later than: October 15th 2023

The University will contact you as soon as the process concludes

Position to start: Spring 2024 semester.

Application instructions:

1. Send cover letter including areas of academic interest and/or research, curriculum vitae (CV) and Copies of Transcripts and Diplomas: Bachelor's, Master's and Ph.D. All documentation attained outside Mexico shall be duly legalized, including the apostils if so required:
rafael.carrera@udlap.mx

For more information, please contact Dr. Rafael Carrera Espinoza (Academic Director/Department Head of the Industrial and Mechanical Engineering Department) at rafael.carrera@udlap.mx

Universidad de las Américas Puebla (UDLAP) is an Equal Employment Opportunity/Affirmative Action Employer and is committed to excellence through diversity in its faculty, staff and students. We strongly encourage all qualified individuals to apply.