TEXAS A&M UNIVERSITY – KINGSVILLE
Department of Mechanical and Industrial Engineering

Two Visiting Assistant Professors – Spring 2018

The Department of Mechanical and Industrial Engineering (MEIE) at Texas A&M University-Kingsville (TAMUK) is growing and is accepting applications for two visiting assistant full-time faculty members. Employment is only for the Spring 2018 semester, but could be continued for additional semesters, and is contingent on enrollment and available funds. One new hire will be in the area of Aerospace Engineering to support a new Aerospace Engineering Minor, and the other in Mechanical Engineering. The department’s intent is to hire more tenure-track faculty in these areas in the coming semesters.

The job responsibilities of the aerospace engineering faculty, besides research, could include: A) Teaching new undergraduate Design of Aerospace Structure and Aerospace Systems Design courses. B) Teach a MS level Finite Element Methods, Continuum Mechanics or Advanced Dynamics course, or perhaps other courses. The responsibilities of the mechanical engineering faculty could include: A) Teach a number of undergraduate courses such as Matlab programming, Dynamics, Kinematics, Introduction to Engineering. B) Teach a MS level Finite Element Methods, Continuum Mechanics or Advanced Dynamics courses. All new hires will provide quality teaching and other service to the department as assigned by department chair.

Minimum qualifications include: a) Earned PhD. in Aerospace or Mechanical Engineering (or closely-related engineering degree) from a regionally accredited institution or university. Additional required qualifications include: b) Instructors must have 18 graduate hours for every field in which they will teach, c) The aerospace engineering candidate must understand and be able to teach: Undergraduate courses in Design of Aerospace Structures, Aerospace Systems Design, Aerodynamics, Aerospace Flight Dynamics, as well as at least one of the graduate courses in Finite Element Methods, Continuum Mechanics or Advanced Dynamics. The mechanical engineering candidate must understand and be able to teach: Undergraduate courses in Matlab programming, Dynamics, Kinematics, Introduction to Engineering, as well as at least one of the graduate courses in Finite Element Methods, Continuum Mechanics or Advanced Dynamics. d) Must be able to legally start work at the beginning of the Spring 2018 semester, and e) Have clear and good communication skills in the English Language.

Preferred qualifications include one or more of the following: a) Have experience teaching graduate students, b) Have significant experience in the design, simulation, and development of aerospace vehicles (aviation or space-based), c) Have industrial experience, d) Have experience working with teams of students working on design projects, e) Have a strong solid mechanics background so that he/she can teach a wide variety of courses, and f) Have experience using and teaching CAD/simulation software.

The faculty member will be based at Texas A&M University-Kingsville, Kingsville, Texas. The department’s enrollment is about 600 students. The department has strong programs in Robotics, Unmanned Systems, Composites and Additive Manufacturing, and Energy Systems. More information can be found at http://www.tamuk.edu. Review of applications will begin immediately and will continue until the positions are filled. Interested applicants should complete a TAMUK application form, and submit a letter of interest, current vita, statement of teaching, statement of research interests, transcripts, and a list of three references through https://javjobs.tamuk.edu. Questions can be addressed to larry.peel@tamuk.edu, Department Chair.

Prior to issuing a letter of appointment, official transcripts must be provided directed from each degree granting institution to the Office of the Provost, Texas A&M University-Kingsville, MSC 102, Kingsville, Texas 78363-8202.

If transcripts are from an international institution, it is the responsibility of the prospective faculty member to have the transcripts translated and evaluated by an approved credential evaluator (AACRAO, http://www.aacrao.org/credential/index.htm). EEO/ADA/AA. TAMUK is an equal opportunity, affirmative action employer committed to diversity.