California State University, Fresno
Lyles College of Engineering
Mechanical Engineering
Vacancy # 12108
http://www.csufresno.edu/engineering/

Mechanical Engineering - Systems, Dynamics, Controls
Assistant Professor - Academic Year

California State University, Fresno is an engaged University, we focus on broadening students' intellectual horizons, fostering lifelong learning skills, developing the leaders of tomorrow, promoting community involvement, and instilling an appreciation of world cultures. We nurture cultural competence by celebrating the rich diversity of the campus community and welcoming the participation of all.

- Fresno State has been recognized as an Hispanic-Serving Institution (HSI); an Asian American/Native American/Pacific Islander-Serving Institution (AANAPISI); and has been designated to the Community Engagement Classification by The Carnegie Foundation for the Advancement of Teaching.
- Faculty members gain a clear path to tenure through the University's Probationary Plan Process.
- Salary placement depends upon academic preparation and professional experience.
- Instructional Level: Undergraduate and Graduate

Position Summary:
The Department of Mechanical Engineering in the Lyles College of Engineering at California State University, Fresno is accepting applications for a nine-month, tenure-track faculty position at the Assistant/Associate Professor rank with a Fall 2014 start date. Responsibilities include: a) teach undergraduate and/or graduate courses including laboratories in mechanical engineering and related fields (up to 12 weighted teaching units per semester); b) develop and/or teach courses and/or laboratories in systems, dynamics, and/or controls areas, including dynamics, controls, vibrations, instrumentation, mechatronics/robotics, senior capstone design, system design, c) be actively engaged in teaching, advising, research/scholarly, professional development, and/or service activities; d) initiate a viable research program and publish scholarship in refereed journals; e) apply for internal /external funding in support of teaching, research, and professional service; f) supervise student research; g) participate in professional activities, including meetings, workshops, and/or other relevant activities (e.g., appropriate relationships with industry); h) participate in activities related to EAC/ABET accreditation; and, i) advise senior project teams in related fields, j) supervise graduate projects and theses.

Overview:
The Lyles College of Engineering is the oldest, publicly-supported engineering college in the Central Valley of California. While engineering courses were first taught at Fresno State in 1922, the Department of Engineering was established in 1947, followed by a School of Engineering in 1963, culminating in its renaming to Lyles College of Engineering in 2008 in recognition of a major financial gift to the College that was intended to enhance and grow engineering education in the Central Valley. The mission of the College includes developing each student's potential to the greatest extent possible, providing a quality engineering education to all students and serving students from demographic groups that historically have not participated in a university education. The BSME degree in the Department of Mechanical Engineering has been continuously accredited by ABET since 1965, boasting over 2,000 alumni in industry, government and academic service. The seven tenure/tenure Mechanical Engineering faculty provide educational support for over 420 undergraduate and graduate students through hands-on/interactive learning, project-based coursework, industry-sponsored culminating experiences, national design competitions, and practice-based internships.

Faculty Responsibilities:
As educators, scholars, colleagues and community members faculty have a responsibility to uphold the standards and ethics called upon by the profession. Regular responsibilities include research, publication, and other scholarly activities, as well as advising students and engaging in service at all levels of the university.

Required Education:
Earned doctorate (at time of appointment) in mechanical engineering or closely related field(s) from an accredited institution and bachelor of science degree in mechanical engineering, specializing in the broad areas of systems, dynamics, and/or controls.

Required Experience:
Candidates must have a successful record in university level instruction. The successful candidate must demonstrate a strong record of teaching, research, and/or scholarly activities,
including successful grantsmanship and/or research publications. The successful candidate must demonstrate the ability to work with diverse faculty, staff, and students. The University is committed to promoting the success of all, and to reducing the barriers to success related to differences in areas such as race, ethnicity, culture, disability, and more. Candidates are encouraged to identify strengths and experiences in this area. For additional information on the University's commitment to diversity visit: www.fresnostate.edu/academics/diversity. Candidates with extensive professional and/or academic experience and accomplishments may be considered at the tenure-track associate professor level.

**Preferred Qualifications:** The successful candidate will demonstrate excellent verbal and written communications skills; will demonstrate ability to develop and teach courses and laboratories in the systems, dynamics, and/or controls areas, including dynamics, controls, vibrations, instrumentation, mechatronics/robotics, senior capstone design, system design, etc.; will demonstrate proficiency in professional practice and/or application of engineering; will demonstrate active participation or leadership roles in professional organizations.

**Application Procedures:** To ensure full consideration, applicants should submit all application materials by no later than 15 November 2013. Complete an on-line application at http://jobs.csufresno.edu and attach the following materials: i) cover letter addressing interest in position, qualifications and experience; ii) curriculum vitae; iii) names and contact information for five references. Finalists will have three letters of recommendation submitted on their behalf. Correspondence can be sent to: Michael Jenkins, Search Committee Chair, Department of Mechanical Engineering, Lyles College of Engineering, California State University, Fresno, 2320 E. San Ramon Avenue; MS EE94, Fresno, CA 93740-8030, Telephone: 559-278-8743, e-mail: jenkinsm@csufresno.edu

**Other Requirements:** Pursuant to the requirements of the Immigration Reform and Control Act of 1986, any offer of employment is contingent upon verification of individual's eligibility to be employed in the United States. The Annual Safety and Security/Fire Safety Report provided in compliance with the 1998 Jeanne Clery Disclosure Act, and California Education Code section 67380. The report includes three calendar years of select campus crime statistics and it includes security policies and procedures for the campus. Applicants, students, and employees can obtain a copy of this report from the web site: www.fresnostate.edu/police/clery/index.shtml or by contacting the Campus Police Department. The person holding this position may be considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment. You can obtain a copy of this Executive order by accessing the following web site: http://www.calstate.edu/eo/EO-1083.html

**Background Check:** Necessary background investigations will be completed depending on the requirements of the position. Those could include, but are not limited to, processing of fingerprints through the Department of Justice and FBI, and degree and license verification. A conditional offer may be made based on the results of these verifications.

**Equal Employment Opportunity:** All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, or national origin.

The Immigration Reform and Control Act of 1986 requires the University to inform you that we can employ only U.S. citizens and aliens lawfully authorized to work in the U.S. Each new employee is required to present documentation verifying his/her identity and authorization to accept employment.