Part-Time Lecturer for “Engineering Mechanics: Statics and Dynamics” Course
Department of Civil and Environmental Engineering
Tufts University
February 2014

The Department of Civil and Environmental Engineering (http://engineering.tufts.edu/cee) at Tufts University (http://www.tufts.edu/) seeks candidates for a non-tenure track, part-time lecturer position starting in September 2014. The successful candidate will teach the “Engineering Mechanics, Statics and Dynamics” course. The course description is provided in the last paragraph of this document. Candidates must possess a bachelor’s or master’s degree from an accredited engineering program. Additional requirements include professional experience, teaching experience, and excellent communication skills.

Candidates should submit their application, including a cover letter, resume, statement of teaching objectives, and contact information for three references to Professor Babak Moaveni, the Civil and Environmental Engineering Department Search Committee Chair through email: babak.moaveni@tufts.edu. Review of applications will begin on March 1, 2014 and will continue until the position is filled. Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty, and thus, women and members of underrepresented groups are strongly encouraged to apply.

“Engineering Mechanics, Statics and Dynamics” course includes introduction to analysis and problem solving in statics and dynamics, equilibrium of particles and rigid bodies in two and three dimensions, vector and matrix analysis, force-moment balance equations, kinematics and kinetics of particles and rigid bodies, Newton's equation, impulse-momentum, work and energy, centroids and moments of inertia. Applications include trusses, frames, machines, beams, and friction problems.