



University at Buffalo
The State University of New York

School of Engineering and Applied Sciences
Department of Mechanical and Aerospace Engineering

Teaching Assistant Professor Position in the School of Engineering and Applied Sciences

The School of Engineering and Applied Sciences the University at Buffalo, State University of New York (SUNY) seeks to fill a **Teaching Assistant Professor** position.

The successful candidate will mainly serve as the instructor for a newly formed course covering introductory MATLAB and linear algebra. Six course-sections per academic year are anticipated for this course. The course is offered to sophomore and junior students from Mechanical and Aerospace Engineering; Civil, Structural, and Environmental Engineering; and Chemical and Biological Engineering. The applicant should have experience in the use of MATLAB as a structured programming language and demonstrate a capability to translate theoretical linear algebra concepts into working programs. We are particularly looking for candidates who can operate effectively in a diverse community of students and faculty, and share our vision of helping all constituents reach their full potential.

The instructor will also be involved in other professional and scholarly activities including the mentoring of MAE graduate students as educators. The candidate should have a Ph.D. in Mechanical Engineering, Aerospace Engineering, Applied Mathematics, or other related engineering disciplines such as Civil Engineering, Electrical Engineering, and Chemical Engineering. A Ph.D. must be conferred prior to appointment.

The School of Engineering and Applied Sciences at Buffalo is the largest and most comprehensive of the SUNY engineering schools. While the successful candidate will be teaching students from three different engineering departments, his/her home reporting and coordinating department will be Mechanical and Aerospace Engineering (MAE). The MAE Department currently has 33 fulltime faculty and is expected to grow to 38 faculty within the next 3-5 years. The MAE Department is also the largest undergraduate population in the School of Engineering and Applied Sciences with around 1,000 undergraduate students.

The application package should consist of a cover letter, a curriculum vitae, a teaching statement no longer than two pages, a statement addressing cultural competency, three references who can discuss the candidate's teaching experience, and teaching evaluations for previous courses taught. Any statements regarding research will be disregarded and should not be included. The cover letter should explicitly include the number of semester/quarters as a lead course instructor and any previous experience teaching computer programming, along with the computer languages taught. Any previous experience teaching mathematical concepts to engineering students should be highlighted in the cover letter. Applications can be submitted at www.ubjobs.buffalo.edu by referencing posting number 1500856. The evaluation process will start on January 15, 2016 and will continue until the position is filled.

The University at Buffalo is an Equal Opportunity and Affirmative Action Employer.