The Department of Mechanical and Aerospace Engineering (MAE) in the School of Engineering and Applied Sciences (SEAS) the University at Buffalo seeks to fill a Teaching Assistant Professor/Lecturer 10 mo. position. 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 primary purpose of this position is to improve the educational experience for undergraduate students enrolled in our Mechanical Engineering (ME) and Aerospace Engineering (AE) programs. Consequently, a successful candidate will be expected to assume the following responsibilities:

Serve as Instructor for six or seven required undergraduate course-sections per academic year. This could include multiple sections of the same course. These courses are expected to be at the sophomore, junior, and senior levels and would include a number of courses in our design sequence, with special emphasis on Introduction to Mechanical Engineering Practice (MAE277), Machines and Mechanisms (MAE 311), Manufacturing Processes (MAE 364), Design Process and Methods (MAE451), Design Project (MAE 494), and Computer-Aided Design Applications (MAE477).

Design and implement plans for major departmental undergraduate activities, such as student advisement, industry internships, laboratory and instrumentation upgrades, student excellence initiatives, our ABET objectives, diversity enhancement and external educational grant support in collaboration with the MAE Undergraduate Studies Committee.

The School of Engineering and Applied Sciences at the University at Buffalo is the largest and most comprehensive of the SUNY engineering schools. The MAE Department currently has 38 fulltime faculty and is expected to grow to 44 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 over 1,200 undergraduate students. More details on the MAE Department and its affiliated institutes and centers can be found at [http://www.mae.buffalo.edu/](http://www.mae.buffalo.edu/).

Candidates should have a Ph.D. in an engineering, engineering education, or related discipline. Exceptional applicants with a M.S. degree will also be considered. The Masters degree must be conferred before appointment. Candidates must apply at [http://www.ubjobs.buffalo.edu](http://www.ubjobs.buffalo.edu) using posting number F1700150. The evaluation process will start on November 1, 2017 and will continue until the positions are filled.