

Notice

This notice is being provided as a result of the filing of an application for permanent alien labor certification for the job opportunity described below. Any person wishing to comment may provide documentary evidence to the Certifying Officer, U.S. Department of Labor; Employment and Training Administration; Office of Foreign Labor Certification; 200 Constitution Avenue NW, Room N-5311; Washington DC 20210.

Assistant/Associate Professor-of-the-Practice or Assistant/Associate Teaching Professor in Aerospace Engineering

Position Overview: The Department of Aerospace Engineering at the University of Kansas invites applications for a non-tenure track at the rank of Assistant/Associate Professor-of-the-Practice or Assistant/Associate Teaching Professor. All Professor of the Practice and Teaching Professor positions, regardless of rank, are non-tenured positions appointed for a three-year limited term period with possible renewal. Each year, the term of appointment will be 9 months at 100% FTE, with up to three months of summer support possible from grant support, additional summer courses, or targeted investments for growth initiatives, such as distance learning. The appointment is contingent upon funding. The successful candidate will be responsible for teaching undergraduate courses including, but not limited to, solid mechanics, fluid mechanics, aircraft aerodynamics and performance, computing (MATLAB, and potentially Python or C++), astrodynamics, and computer-aided design. The successful candidate may also teach our cornerstone introductory course, which is currently a systems-oriented design-build-fly experience. Each of these courses requires a commitment to student success, diversity, equity, inclusion, and belonging, to inspire and retain our students. Future teaching assignments may also include instrumentation laboratories, capstone design and technical electives, depending on department needs and individual experience. *Ad copy also contained diversity statement, description of the university, and application instructions*

Job Duties: 80% Teaching: Develop and teach undergraduate courses in Aerospace Engineering. Teaching faculty are expected to meet all class sessions consistent with the responsible conduct of their assigned class. Teaching faculty develop and update syllabi, study guides, instructor's guides, test questions, tests, and web-based material, and assist in the development and implementation of technology and student-centered pedagogies. They hold regular office hours for students involved in classes taught, supervise Graduate Teaching Assistants (GTAs) and Undergraduates that may assist in their classes, and adhere to department, School, and university policies and procedures. Effective teaching is monitored by student evaluations, peer reviews, and alumni responses and surveys. 20% Service (10% for Teaching Professor): Perform service for the Department, School, University, and professional societies. Participate in ABET-EAC accreditation activities within the department including but not limited to the development of assessment methods for student projects and learning outcomes. All teaching faculty members are expected to advise and mentor undergraduate students. 10% Research (for Teaching Professor only): Work with Aerospace Engineering faculty members to develop proposals for curriculum development and/or engineering pedagogy, and assist in curriculum and course transformation, and program assessment. This includes partnering with faculty members to teach and implement creative and effective mechanisms for improving student learning, engagement, and retention, especially in large introductory courses. Author or co-author journal articles and papers in conference proceedings on topics relating to engineering education, or relating to student outcomes in course activities.

Required Qualifications:

For Assistant Teaching Professor:

1. PhD in Aerospace Engineering, or closely-related discipline.
2. At least three years of engineering teaching experience.

3. At least two years of experience with MATLAB/Simulink, Python, or C/C++ programming.
4. A commitment to student success, diversity, equity, inclusion, and belonging to inspire and retain our students, as evidenced by a statement of teaching.
5. Strong organizational skills as demonstrated by a record of growing responsibility in industry, or by successful prior experience in teaching.
6. Effective communication skills as demonstrated in the application materials and during the interview process.

For Associate Teaching Professor, all of the above and the following:

1. At least 10 years of engineering teaching experience.

For Assistant Professor-of-the-Practice:

1. M.S. in Aerospace Engineering, or closely-related discipline.
2. At least five years of industrial experience in the United States, or foreign offices of US-based companies, after the B.S. degree.
3. At least two years of experience with MATLAB/Simulink, Python, or C/C++ programming.
4. A commitment to student success, diversity, equity, inclusion, and belonging to inspire and retain our students, as evidenced by a statement of teaching.
5. Strong organizational skills as demonstrated by a record of growing responsibility in industry, or by successful prior experience in teaching.
6. Effective communication skills as demonstrated in the application materials and during the interview process.

For Associate Professor-of-the Practice, all of the above and the following:

7. Total of fifteen years of professional experience past the B.S. degree.

Reply to:

Dr. Richard Hale, Chair, Department of Aerospace Engineering
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Lawrence, KS 66045