



Assistant/Associate Teaching Professor – Chemical and Petroleum Engineering

The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking outstanding candidates for an Assistant/Associate Teaching Professor starting in Fall 2023. Appointment level will be based on an applicant's scholarly and teaching record. All Teaching Professor positions, regardless of rank, are non-tenured positions appointed for a three-year limited term period. Due to the percentage of effort focused upon instructional duties, all applicants must possess outstanding teaching skills and teach a minimum of two regularly scheduled classes per semester.

Successful candidates must have an earned doctorate or equivalent in chemical or petroleum engineering or closely related field or anticipated completion of doctorate by August 2023. Candidates should have a demonstrated interest in pedagogical design and teaching, excellence in oral and written communication skills, and the ability to work well with students, faculty, and administrators. Evidence of such interest and skills may be demonstrated by, but is not limited to, prior success teaching chemical engineering courses using software and A/V tools helpful with active learning and remote or online education; authorship of articles, conference presentations or coursework on engineering education and on increasing diversity, equity and inclusion in engineering; professional experience as a practicing engineering that is relevant to undergraduate education; or experience leading student organizations such as the American Institute of Chemical Engineers, Society of Women Engineers and the National Society of Black Engineers. The successful candidate must be eligible to work in the U.S. prior to the effective date of the appointment. For eligible international candidates, KU provides immigration support and sponsorship.

The Department of Chemical and Petroleum Engineering has a long-standing tradition of excellence in undergraduate and graduate education. Our students have been Nationally recognized in both research and scholarship. The 21 faculty and over 400 students in the department are conducting innovative research that is sponsored by industry as well as federal and state grants. The department is home to several research centers including the Center for Environmentally Beneficial Catalysis and the Tertiary Oil Recovery Program. The School of Engineering complex is made up of 5 buildings including the recently opened 110,100 square foot building which was designed with every element to cultivate

student success. It includes state-of-the-art classrooms that enhance access to cutting-edge curriculum, as well as teaching and research laboratories that allow students to apply what they learn and gain teamwork and communication skills while building their technical expertise.

The University of Kansas is in Lawrence, KS with a population of more than 85,000 people. As an AAU institution, the total enrollment at KU is 28,500 and has 5 campuses. As the state's flagship university, KU values the elevating force of education, the transformative power of research, and the healing power of service. Located in the center of the country, Lawrence is a diverse city that provides opportunities and access to rich cultural, athletic, and shopping experiences while maintaining a small-town atmosphere. Lawrence is located between Kansas City and Topeka and is home to Clinton Lake which has been recognized as one of the "50 Great Boating Lakes" by Boating World Magazine. Lawrence is known as a friendly, historical, and culturally diverse community.

Job Description:

75 – 80% Teach undergraduate and graduate courses; the expectation is 4 courses per year at minimum. Develop courses and participate in curriculum development. Assist in the development and implementation of technology and student-centered pedagogies in Chemical and Petroleum Engineering courses. Supervise Graduate Teaching Assistants (GTAs) and Undergraduate that assist in their classes.

10 – 15% Scholarship that contributes to the teaching mission of faculty, primarily in the areas of pedagogy, student retention and development of strategies for improving an atmosphere of inclusiveness toward members of under-represented groups. Contribute to course transformation efforts and assessment and conduct and present research on teaching and learning. This can include partnering with faculty members to teach and implement creative and effective mechanisms for improving student learning, engagement, and retention, especially in large introductory courses.

10 – 15% Perform service to the Department, School, and University. Teaching faculty members are expected to advise and mentor undergraduate students and serve on department's unit-level undergraduate committees and other committees as appropriate.

Required Qualifications:

Evaluation of these requirements will be made through application materials. Appointment at a particular level will be based on an applicant's scholarly and teaching record.

For appointment at the rank of Assistant Teaching Professor:

1. A Ph.D. or equivalent terminal degree in Chemical or Petroleum Engineering or closely related field
2. Demonstrated oral and written communication skills.
3. Demonstrated ability to work well with students, faculty, and administrators.
4. Demonstrated interest in pedagogical design and improvement in course teaching

For appointment at the rank of Associate Teaching Professor:

1. All of the above requirements at the Assistant level.
2. Documented ability to teach related courses.
3. Evidence of scholarly or teaching achievement to support rank of Associate Teaching Professor.

Salary Range: Commensurate with Experience

Apply online at <https://employment.ku.edu/academic/23630BR>. **Review of application materials begins December 1, 2022 and continues as long as necessary to collect a qualified pool of candidates.** A complete online application will include the following PDF files: a letter of application, curriculum vita, a teaching statement and diversity statement, and names and contact information for at least three references.

Contact Professor Stevin Gehrke, shgehrke@ku.edu, if you have question about this position.

The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression, and genetic information in the university's programs and activities. Retaliation is also prohibited by university policy. The following persons have been designated to handle inquiries regarding the nondiscrimination policies and are the Title IX coordinators for their respective campuses: Director of the Office of Civil Rights and Title IX, civilrights@ku.edu Room 1082, Dole Human Development Center, 1000 Sunnyside Avenue, Lawrence, KS 66045, 785-864-6414, 711 TTY (for the Lawrence, Edwards, Parsons, Yoder, and Topeka campuses); Director, Equal Opportunity Office, Mail Stop 7004, 4330 Shawnee Mission Parkway, Fairway, KS 66205, 913-588-8011, 711 TTY (for the Wichita, Salina and Kansas City, Kansas medical center campuses).