



CSU Bakersfield

School of Natural Science, Mathematics, and Engineering

Position #: 20/21 NSME 08

School Information:

The School of Natural Sciences, Mathematics, and Engineering currently houses seven departments. Visit the web page at <http://www.csub.edu/nsme/> for additional information about the School's programs and the area.

Department Information:

The Department of Physics & Engineering currently offers a BS in Physics, a BS in Engineering Sciences (with optional emphases in Biosystems & Agricultural Engineering, Engineering Management, Petroleum Engineering, and Energy and Power). The department is very active in peer-reviewed research and encourages work involving undergraduates. The Dept. is an integral part of the California Energy Research Center located on campus.

General Information:

California State University, Bakersfield, founded in 1970, is one of twenty-three campuses of the CSU System and currently has an enrollment of over 10,500 students. CSUB is a regional comprehensive university that prides itself in undergraduate education and small, high-quality programs. The University services a socially and ethnically diverse population of 800,000 in an area of 10,000 square miles. The city of Bakersfield (population over 380,000), a part of Kern County, is located southern San Joaquin Valley and has a much lower cost of living than coastal California. Los Angeles, the Pacific Ocean, Mojave Desert, and Sierra Nevada Mountains are all within a two-hour drive from campus. Kern County is an energy-rich region with outreach development and research opportunities.

Position: Assistant Professor of Engineering

Type: Tenure-Track, Probationary

Academic Year: 2020/2021

Available: August 24, 2020

Location: Department of Physics & Engineering
School of Natural Sciences, Mathematics, and Engineering

Contact: Estrella Garibay, Administrative Support Coordinator
Search and Screening Committee
Department of Physics & Engineering, (64 SCI)
California State University, Bakersfield
9001 Stockdale Highway
Bakersfield, CA 93311-1022

Application Deadline Date: To ensure full consideration, apply by **January 24, 2020**; position open until filled.

Description: Full time, tenure track position to a) teach lower-division and upper-division General Engineering courses, including the associated laboratories, b) engage in independent, publishable research and scholarly activities in field of specialization, c) supervise student research projects, d) advise students, and e) provide professionally related service to the university and community.

Required Qualifications: Applicants must hold a Ph.D. in Agricultural, Civil, Chemical, Mechanical, or Petroleum Engineering by the beginning of the appointment, have excellent academic credentials, have a proven ability to teach courses and laboratory sessions effectively, and be able to engage students in undergraduate research.

Preferred Qualifications: Applicants with a BS in Mechanical Engineering, experience or demonstrated interest in energy-related topics (e.g., oil, gas, solar, wind), solid mechanics, machine design, agriculture-related topics, and applicants with demonstrated ability to contribute to the ABET accreditation process. The successful applicant will have the ability to develop an externally funded research program that provides student opportunities in collaboration with local industry and the California Energy Research Center, an on-campus research entity.

Background Check: A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

Mandated Reporter: The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

Compensation: Commensurate with experience and qualifications. Research start-up funds available.

Application: The application packet must include an application letter detailing candidate's qualifications and experience relative to the position description (including the position Reference number), a statement of teaching philosophy (one page), curriculum vitae and unofficial transcripts. Official transcripts and three letters of recommendation will be requested of applicants being seriously considered.

For questions, contact enrg-positions@csub.edu. Send the packet by email to this address, or by regular mail to the contact address above. Incomplete applications will not be considered.

Clery Act: CSUB's annual crime report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus centers, such as our Antelope Valley Satellite Campus and on property within, or immediately adjacent to and accessible from CSUB. The report also includes policies concerning security on campus, such as alcohol and drug use, crime prevention, reporting crimes, sexual assault and other subjects. Additionally, a daily log of offenses is maintained and can be reviewed at the front desk of the Department of Public Safety. You can obtain a copy of the annual report by contacting the Department of Public Safety and University Police at (661) 654-2111 or by logging on to their department website at <https://www.csub.edu/compliance/Clery/index.html>