



**Position:** Assistant Professor of Engineering

**Job#:** 22/23 NSME 06

**Type:** Tenure Track

**Academic Year:** 2022-2023

**Available:** January 21, 2023

**Location:** Department of Physics and Engineering

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

**Deadline:** To ensure full consideration, apply by **October 13th, 2022**; position open until filled.

**University Background:** California State University, Bakersfield (CSUB), founded in 1970, is a regional, comprehensive university serving the southern San Joaquin Valley of California. CSUB's service area covers nearly 25,000 square miles and is home to a socially and ethnically diverse population of over 11,000 students. CSUB is the only four-year degree granting institution within a 100-mile radius. Due to this, CSUB has a vital role in the educational attainment, economic development, and quality of life within the region. The accolades CSUB has received include Washington Monthly's #2 Best Bang for the Buck for Western Colleges (2018), Washington Monthly's #6 Best Affordable Elite Colleges and #17 out of 200 for Graduate Schools, and "A Top Public School" by US News and World Report (2019).

CSUB serves 9,800 undergraduate students and 1,400 graduate, credential, and post-baccalaureate students. 63.5% of CSUB's students are Hispanic/Latinx, 4.9% are African-American, 0.2% are Hawaiian/Pacific Islander, 0.5% are American Indian/Alaskan Native, 7.1% are Asian, and 2.3% are multiracial. CSUB is a federally designated Hispanic Serving Institution (HSI).

**Commitment to Diversity:** The Department of Physics and Engineering within School of Natural Sciences, Mathematics and Engineering at CSUB is committed to academic and inclusive excellence and diversity within the faculty, staff, and student body.

**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.

**Position Description:** Full time, tenure track position to a) teach lower- 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.

**Minimum Qualifications:**

- Applicants must hold a Ph.D. in Mechanical 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.
- Demonstrated commitment to teaching undergraduates from diverse socioeconomic, cultural, and academic backgrounds, including first-generation students.

**Preferred Qualifications:**

- Preference will be given to applicants with a BS in Mechanical Engineering, experience or demonstrated interest in experimental fluid mechanics/heat transfer, petroleum engineering, manufacturing, solid mechanics, machine design, or energy-related topics, and to applicants with demonstrated ability to contribute to the ABET accreditation process.

**Department of Physics and Engineering**

California State University, Bakersfield  
9001 Stockdale Hwy. • Science III, Room 308 • Bakersfield, CA 93311

**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 engr-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.

- In application materials, please include a statement about fostering an inclusive classroom. [OR]
- Please include a statement of contribution to diversity, equity and inclusion. The statement should include information on how the applicant currently or will potentially promote diversity, equity and inclusion through their teaching, research and service at CSUB.

**Compensation:** Salary and rank are dependent on qualifications and experience. CSUB offers a generous benefits package (e.g., excellent health, dental, vision, and retirement benefits.)

**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.

**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/University Police at (661) 654-2111 or by logging on to their website at: <https://www.csub.edu/compliance/Clery>.

**EEO Statement:** CSUB is committed to Equal Employment. Opportunity. Applicants will be considered without regard to gender, race, age, color, religion, national origin, sexual orientation, marital status, disability or covered veterans' status.