



College of Engineering, Cal Poly, San Luis Obispo

The College of Engineering at Cal Poly, San Luis Obispo invites applicants for tenure-track assistant professor positions across multiple departments.

College of Engineering is an internationally recognized, top-ranked, undergraduate engineering college. The College of Engineering prepares California's next generation of leaders in engineering and technology. From the first day on campus, students are immersed in a project- and design-centered curriculum that stresses teamwork and collaboration across disciplines. The college offers fourteen Bachelor's and eleven Master's degrees.

Mission of the College of Engineering is to provide an excellent Learn by Doing education and graduate in-demand, day-one ready professionals.

The Cal Poly College of Engineering fosters an environment based in love, empathy, and respect where all are supported, energized, and empowered. Opportunities to contribute exist for all and a broad range of voices and experiences are necessary as we co-create our future. We are developing an inclusive community where everyone can be their own unique selves.

Cal Poly's College of Engineering is committed to creating and sustaining a diverse university community that reflects and serves the population of California. We are looking for applicants who have demonstrated experience in supporting a diverse and inclusive environment including implementing inclusive classroom environments, mentoring students with diverse backgrounds, outreach to underrepresented student populations, implementing bias mitigation, and previous professional development in diversity and inclusion topics.

The departmental breakdown of the open positions and their strategic focus areas are as follows:

Civil and Environmental Engineering (1 position) – Contemporary Environmental Engineering concerns related to bioremediation, resource recovery, air quality, or solid/hazardous waste.

Computer Science and Software Engineering (2 positions) – One position in General Computer Science Education and one position in Software Engineering. The general Computer Science Education position will explicitly leverage the demonstrated significant experience of successful applicants in working with underrepresented students in research, teaching, service, advising, mentoring or community engagement.

Electrical Engineering (2 positions) – Modern Wireless/Digital Communications, Electronics, Sustainable Energy and Power Systems and/or Control Systems/Robotics.

Industrial and Manufacturing Engineering (2 positions) – Enterprise Systems Design, and Automation and Integration for Manufacturing.

Materials Engineering (1 position) – Metallurgy and the practical applications of metals to industry.

Mechanical Engineering (4 positions) – Thermal fluids with a focus in Energy Systems; Autonomous and electric vehicles; Mechanical design methodology such as sustainable,



entrepreneurial or machine design; Dynamics systems and an emphasis in the use of big data and/or artificial intelligence to support advanced system design. One of these positions will explicitly leverage the demonstrated significant experience of successful applicants in working with underrepresented students in research, teaching, service, advising, mentoring or community engagement.

Qualifications

The candidates are required to have earned doctoral degree in related Engineering field by the start date in Fall quarter of 2022.

Application

To apply for these positions and further details, visit Cal Poly Jobs at <https://jobs.calpoly.edu/en-us/listing/>. The candidates must submit the following: (1) a cover letter, (2) curriculum vitae, (3) a statement on teaching, (4) a statement on research, and (5) a Diversity statement. Please be prepared to provide three professional references with names and email addresses when completing the online faculty application. The diversity statement must display evidence of the applicant's ability to support a diverse and inclusive environment including implementing inclusive classroom environments, mentoring students with diverse backgrounds, outreach to underrepresented student populations, implementing bias mitigation, and previous professional development in diversity and inclusion topics.

Special Conditions

The CSU requires faculty, staff, and students who are accessing campus facilities to be immunized against COVID-19 or declare a medical or religious exemption from doing so. Any candidates advanced in a search process should be prepared to comply with this requirement. The systemwide policy can be found at [CSU Vaccination Policy](#) and any questions you have may be submitted to academicpersonnel@calpoly.edu. Additionally, prior to, or on your first day of employment, you must submit your completed vaccination documentation via the COVID-19 Info tab on the university's secure online portal. As soon as you are onboarded, you will have access to the portal.