



FACULTY EMPLOYMENT OPPORTUNITY

DEPARTMENT OF ENGINEERING SCIENCE

**(Tenure-Track) Assistant or Associate Professor
Starting Mid-August 2019**

Refer to #104752 on all correspondence and inquiries regarding this position.

OUR COMMITMENT

Guided by our core values, Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. The unique campus culture fosters our Seawolf Commitment to integrity, respect, excellence, and responsibility and is integrated into all campus life. We nurture inclusive excellence through a celebration of the rich diversity of our local communities and our interconnected global economy. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

THE UNIVERSITY

Sonoma State University's beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

FACULTY RESPONSIBILITIES

In addition to teaching and scholarship, faculty are expected to engage in service to the department, school, and community. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. Faculty are also encouraged to participate in our distinctive, high-impact Freshman and Sophomore year programs and to foster our commitment to the [CSU Graduation Initiative 2025](#) through excellent teaching, advising, and mentoring. Potential applicants are encouraged to review the [University's Reappointment, Tenure and Promotion Policy](#). All faculty are required to have the ability to work effectively in a multicultural environment.

THE DEPARTMENT

The Department of Engineering Science (Electrical Engineering Program) offers a bachelor's degree in Electrical Engineering with specializations in electronics and communications and a master's degree in Computer and Engineering Science with specializations in communications and photonics, and computer hardware and software systems. Teaching excellence and mentoring students are central to the mission of the department. Furthermore, with the goal of providing the North Bay industries and community with skilled and knowledgeable engineers, the department takes pride in focusing on hands-on student-centered research and projects. The Department enjoys strong ties with the high-technology industries in Sonoma County, in particular Keysight Technologies, and many individual local scientists and engineers. The Department's Industry Advisory Board provides advice and support and is currently focused on ABET accreditation for the undergraduate EE program.

The Engineering Department, currently with more than 40% underrepresented minority population, is committed to expanding and diversifying participation for all students. We strongly encourage faculty candidates with similar goals and relevant experience to apply.

Prospective applicants are encouraged to visit the department's <http://www.sonoma.edu/engineering> and Faculty Affairs' <http://www.sonoma.edu/aa/fa> webpages.

DUTIES OF THE POSITION

The Department of Engineering Science within the School of Science & Technology (SST) at Sonoma State University (SSU) is seeking a highly motivated teacher/scholar to teach electrical engineering courses and laboratory activities at both undergraduate and graduate levels. Examples of such courses and laboratories are Electronic Circuits, Digital Circuits & Logic Design, Microprocessors & Embedded System Design, Analog & Digital Communications, Networking Protocols, RF and Microwave Communications, Wireless and Optical Communication, VLSI and ASIC Design, FPGA & DSP, Antenna Design, and Transmission Line Theory & Applications.

In addition to teaching face-to-face undergraduate and graduate courses, other duties include

- Developing new and improving existing hands-on real-world laboratory experiments using existing laboratory equipment;
- Supervising hands-on Senior Design Projects and Master's theses;
- Advising and mentoring undergraduate and graduate students;
- Serving on departmental, college, and university committees;
- Advising student organizations (IEEE, SWE, SHPE, etc.);
- Seeking external and internal funding;
- Publishing in top tier venues and engaging students in research activities;
- Taking responsibilities in activities related to ABET accreditation in electrical engineering;
- Developing interdisciplinary collaborations in education and research;
- Enhancing Sonoma State University's existing strengths through professional and institutional service.

PROFESSIONAL QUALIFICATIONS

To be recommended for appointment, the candidate must have:

- A Ph.D. in Electrical Engineering, Computer Engineering, or a closely related field on or before the start date;

- Demonstrated excellence in face-to-face classroom teaching at the undergraduate and/or graduate levels;
- Ability and interest to teach a wide range of courses related to Electrical Engineering;
- Demonstrated ability to develop new and improve existing hands-on real-world laboratory experiments for electrical engineering undergraduate and graduate students;
- Demonstrated involvement in scholarly research and seeking external grants;
- A strong commitment and ability to work with diverse student population, staff, and faculty members;
- Ability to collaborate in a collegial fashion with other faculty members.

To be recommended for tenure, candidates must demonstrate satisfactory performance in four areas: teaching effectiveness; research and scholarship; University service; and public community service. Although tenure may be granted at any time, contract provisions specify that "the normal period of probation shall be a total of six (6) years of full-time probationary service and credited service, if any. Any deviation from the normal six (6) year probationary period shall be the decision of the President following his/her consideration of recommendations from the department or equivalent unit and appropriate administrator(s)." Tenure is required for promotion above the level of Associate Professor.

RANK AND SALARY

Salary, service credit, and rank depends upon academic preparation and professional experience.

The salary range for this position is \$84,481 - \$100,068.

HOW TO APPLY

To apply for this position, go to www.sonoma.edu/jobs and select Job Opportunities. If you are not currently employed at Sonoma State University, select the *External Applicants* box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select *Apply Now*. If you have not applied for a job at Sonoma State University previously you will be asked to *Register Now* in order to proceed. After submitting the application letter and curriculum vitae, please proceed to My Career Tools to attach the additional required documents. Your statement of research interests may be a statement of scholarship and/or creative activity if appropriate to your discipline. PDFs are the preferred format for all submissions. Once you have submitted all materials, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email facultysearch@sonoma.edu. Applications submitted to the faculty search email address will not be considered, so please use [the www.sonoma.edu/jobs](http://www.sonoma.edu/jobs) link above.

Please submit:

Required

- Application letter that includes; Research interests including a clear statement of laboratory needs, Teaching Philosophy and Diversity Statement addressing your experiences with diversity in your research, teaching or service, and your potential to support SSU's commitment to diversity
- Curriculum vitae including three (3) references to be contacted by committee members

Additional Required Documents (if available) – Email the following materials to engineeringsearch@sonoma.edu

- Student Evaluations
- Sample Syllabi
- Examples of any online teaching videos, seminar, etc.
- A copy of a representative research manuscript

Official transcripts may be required at the time of hire.

Sonoma State University hires only individuals lawfully authorized to work in the United States. We are unable to sponsor any international candidates for this cycle. All offers of employment are contingent upon presentation of documents demonstrating the appointee's identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act. A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU.

APPLICATION DEADLINE

Applications received by January 21, 2019 will be given full consideration. The position will remain open until filled.

Questions concerning this position may be directed to:

Dr. Farid Farahmand, Department and Search Committee Chair

Email: farahman@sonoma.edu

Phone: (707) 664-3491

Questions concerning the application process may be directed to: facultysearch@sonoma.edu.

#104752 PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.

OTHER INFORMATION

The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.

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.

[View Benefits Summary](#)



SONOMA STATE UNIVERSITY

Department of Engineering Science
1801 East Cotati Avenue
Rohnert Park, CA 94928-3609